

No. 594



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF
JANUARY, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

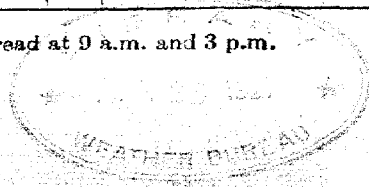
METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.				Extreme Temperature.			
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Max.	Date.	Min.	Date.
		in.	in.	°	°	°	°	°		°	
Morant Pt. Light House	8	30.029	29.99	76.6	79.5	80.5	73.8	6.7	82.0	16*	68.4
Kingston	24	30.001	29.948	69.0	83.6	85.3	67.9	17.4	89.0	19	62.3
Negril Pt. Light House	33	30.016	29.970	72.1	82.6	85.3	69.2	16.1	91.3	19	62.5
Castleton Gardens	496			68.8	77.6	79.0	67.8	11.2	86.0	2	61.0
Hope Gardens†	668	30.034	29.951	67.1	81.2	83.9	63.3	20.6	87.0	20	59.0
Stony Hill Indus. School	1,400			65.7	72.0	77.2	65.2	12.0	82.0	19	63.0
Hill Gardens	4,900	25.274	25.251	60.7	62.5	65.4	52.9	12.5	69.0	7	51.0

STATIONS.	Elevation.	Dew Point and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.	3 p.m.	7 a.m.			3 p.m.				
		ft.	°	%	°	%					in.	Mls		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	66.5	64	68.1	66	3.27	393	N.N.E	18.0	N.N.E	17.0	3.5	1.3	0.7	2.4	1.4	1.0	
Kingston	24	64.3	85	66.6	57	0.07	145	N.N.E	3.5	S.	8.5	2.0	0.3	2.3	3.9	2.8	0.4	
Negril Point Light House	33	65.3	79	66.7	59	0.24	290	N.N.E	12.1	N.b.E	16.0	1.2	1.1	1.9	0.9	3.5	2.0	
Castleton Gdns.	496	67.0	94	71.5	82	21.71	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	61.3	82	71.2	72	2.38	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	63.6	90	70.9	96	5.19	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	56.6	87	59.3	88	15.67	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

† Hope Gardens Bar. read at 9 a.m. and 3 p.m.



National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages

Faded or light ink

Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON

Imaging Subcontractor

12200 Kiln Court

Beltsville, MD 20704-1387

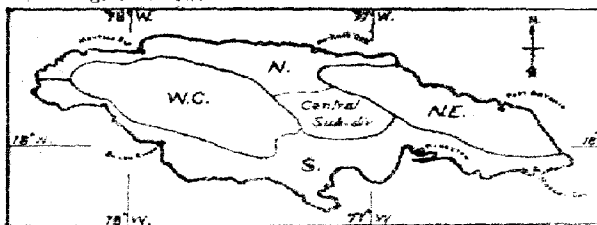
March 28, 2002

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



STATION.	January, 1927.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.		Average.
	Amount.	Date.			
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	5.30	1.40	8	7	5.00
Priestman's River	5.80	2.10	27	13	
Bath	6.58	1.28	12	18	6.13
Millbank	36.65	4.41	12	23	
Moore Town	26.25	3.73	12	25	17.48
Port Antonio	13.90	3.80	27	17	8.78
Passley Garden	15.93	4.51	10	24	
Fellowship	17.15	3.74	10	21	13.08
Johnson River Br.	3.56	1.70	15	10	3.31
Trinity Ville	1.74	0.50	16	9	
Shrewsbury	21.90	3.5	7	26	17.08
Hope Bay	14.03	4.03	6	22	
Cedar Valley	2.97	2.23	13	3	4.26
Paradise	23.36	4.10	7	20	
Lennox	12.57	2.90	27	18	
Greenvale	42.68	3.70	11	13	18.99
Spring Garden	8.82	2.10	6	28	7.95
Hill Gardens	15.47	3.55	11	21	6.98
Buff Bay	8.45	2.35	27	19	9.22
Belvedere, Portland					
Windsor Castle do	5.73	1.58	10	11	7.05
Balcarres	50.51	6.65	7	22	
Mt. Holstein	47.59	6.32	7	18	14.07
Cedar Hurst	2.66	2.52	7	22	
Hardware Gap	1.52	1.90	12	21	5.78
Rose Hill	10.67	2.25	9	19	3.06
Hermitage	5.58	1.81	9	10	
Stony Hill Ind. School	5.19	1.96	9	12	3.05
Iter Boreale	5.33	0.81	27	14	
Enfield	24.36	3.50	12	19	
Agualta Vale	4.83	1.09	17	19	7.80
Castleton Gardens	21.71	4.90	7	24	9.08

STATION.	January, 1927.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.		Average.
	In.	Amount.	Date.		In.
N.E. Div., contd.					
Water Valley	4.28	1.39	17	16	8.11
Lawrence Tavern	6.66	1.26	12	6	2.26
Platfield					6.67
Richmond, St. Mary	12.04	3.54	7	21	6.88
Quebec, St. Mary	4.53	1.10	9	15	7.15
Zion Hill	1.02	0.40	10	6	
Carew Castle	5.29	2.40	1	7	2.85
Hampstead, St. Mary	6.07	1.00	4	24	10.56
Windsor Castle do	12.29	1.85	4	20	
Troja	7.27	3.00	7	15	
Pear Tree Grove	10.04	2.83	6	12	
Guys Hill	9.44	1.79	7	18	
Lucky Hill	6.89	0.74	9	26	7.76
Rio Hoe	7.90	1.26	7	16	5.75
Unity Valley	6.37	1.05	21	23	4.95
Moncague	7.77	1.07	20	21	4.62
Claremont	6.50	1.84	16	14	5.93
Averham Park	11.33	1.76	16	23	7.08
Albion	7.02	1.33	16	23	5.27
NORTHERN DIVISION (N.)					
Port Maria	4.23	0.86	20	9	6.16
Sand Hill					
Eden Park	4.03	1.10	10	17	
Oracabessa	2.70	0.70	10	8	
New Ramble	5.15	1.20	17	8	8.04
Ocho Rios	5.75	2.20	4	14	4.69
Bogue, Ocho Rios	8.20	3.09	4	16	5.66
Drax Hall	6.70	4.00	4	8	6.27
Rockfield	12.57	3.02	4	21	8.60
Liberty Hill	8.39	4.70	4	15	7.27
St. Ann's Bay	7.94	4.6	4	16	4.97
Seville					5.86
Richmond Estate	7.24	5.38	4	13	5.96
Llandover	5.0	3.30	4	13	6.17
Runaway Bay	4.24	2.05	4	17	
Knapdale	9.34	2.83	3	19	
Alexandria	4.39	1.24	4	11	
Brown's Town	9.37	2.40	4	22	5.82
Watt Town, St. Ann	3.14	1.11	4	6	
Home Castle	11.10	4.70*	4	17	5.70
Richmond Pen	1.30	0.25	7	9	3.36
Bryan Castle	6.30	1.65	11	13	4.94
Braco	4.40	1.90	11	13	4.38
Arcadia	6.54	2.07	11	18	5.02
Vale Royal					5.30
Harmony Hall	4.58	1.65	11	13	4.20
Colchis Pen	6.92	2.25	4	17	3.10
Duncans	4.84	2.05	11	8	
Clark's Town	7.62	2.20	11	13	
Carly Park	3.63	1.20	11	13	
Falmouth	2.65	1.35	11	16	3.67
Canaan	5.44	1.59	4	19	3.45
Hampden					3.47
Grange	1.00	0.35	25	4	
Success	1.89	0.89	11	6	2.09
Guildsboro					3.47

* Gauge overflowed.

		January, 1927.							January, 1927.				
STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.	STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		
		Amount.	Date.					Amount.	Date.				
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.							
Rose Hall ..	1.90	0.70	11	7	3.56	Wallingford ..	1.57	1.25	4	4	1.94		
Cinnamon Hill ..	2.30	0.70	11	7	3.71	Balaclava ..	1.45	1.40	4	2	1.94		
Tryall ..	2.65	0.95	11	8	1.74	Deeside ..	5.09	1.73	4	12	..		
Running Gut ..	2.55	1.00	4	7	3.78	Magotty ..	1.88	1.15	4	4	2.93		
Spring Estate ..	2.75	1.30	4	5	4.33	Lacovia ..	0.67	0.37	4	2	..		
Friendship ..	2.70	0.60	22	14	..	Kempshot ..	3.18	1.40	11	6	3.78		
Retirement ..	1.56	0.42	11	12	..	Garlands ..	1.94	0.60	16	8	..		
Belfield ..	3.62	..72	11	12	3.54	Mochó, St. James ..	1.70	0.50	4	10	..		
Montego Bay ..	3.32	0.80	16	13	2.93	Bandon Pen ..	..	..	..	..	..
King's Gate ..	0.70	0.11	16	11	3.12	Springfield, St. Eliz.	2.25	1.61	4	5	..		
Blue Hole ..	2.56	1.50	16	7	..	Cambridge, St. Jas.	0.78	0.37	17	6	2.66		
Kew ..	..	..	..	..	2.10	New Market ..	2.52	1.20	4	4	2.42
Lucea ..	1.22	0.38	22	7	3.19	Kew Park ..	0.24	0.13	11	3	2.17		
Haughton Court ..	1.05	0.45	22	5	2.52	Montpelier ..	..	..	..	..	..
Cousins Cove ..	1.05	0.43	16	3	..	The Bog ..	..	..	..	..	3.27
Green River ..	0.00	..	..	..	..	Petersville ..	..	..	..	..	2.53
Green Island ..	0.37	0.12	16	4	..	Bethel Town ..	0.59	0.42	15	2	..		
Haughton Hall ..	..	..	..	..	..	Burnt Ground ..	1.09	0.43	1	8	2.91
CENTRAL SUB-DIVISION.						Haughton Grove ..	..	..	..	..	3.27
Knollis ..	4.16	2.10	7	4	..	Darliston ..	0.09	0.09	4	1	2.99		
Highgate ..	..	..	..	..	..	Knockalva ..	0.56	0.17	11	4	3.25
Rio Magno ..	7.43	2.00	7	15	..	Ramble ..	0.89	0.26	11	5	..		
Riversdale ..	4.56	2.34	7	9	..	Bluefields ..	..	..	..	..	2.87
Headworks, R. C.C.	0.07	0.19	26	5	1.78	Whithorn ..	..	..	..	..	2.34
Berkshire Hall ..	5.41	2.72	3	8	2.99	Water Works Pen ..	0.00	..	..	..	3.27
Bog Walk ..	1.93	1.72	7	2	..	Askenish ..	..	..	..	..	..
Linstead ..	2.12	1.01	7	11	2.14	Grange Hill ..	0.00	..	..	..	2.34
Cave Valley ..	2.41	1.53	4	8	2.26	King's Vale ..	0.13	0.08	11	2	3.18		
Point Hill ..	4.36	1.17	7	15	3.39	SOUTHERN DIVISION (S.)							
Bellas Gate ..	3.15	1.15	12	3	..	Morant Point L. H.	3.27	0.65	10	20	4.38		
Croft Hill ..	1.75	0.70	4	6	1.94	Golden Grove ..	..	..	..	..	..
Chapelton ..	2.78	1.36	15	8	2.14	Pleasant Hill ..	2.26	0.57	12	10	..		
Crooked River ..	..	..	..	..	..	Phillipsfield ..	2.15	0.47	10	12	..
Trout Hall ..	..	..	..	..	2.01	Bowden ..	1.97	0.57	17	13	..
James Hill ..	3.37	2.20	4	5	..	East Prospect ..	2.53	0.65	17	13	3.93		
Frankfield ..	4.33	2.30	4	5	..	Morant Bay ..	1.04	0.31	21	7	2.93		
WEST-CENTRAL DIVISION (W.C.)						Springfield ..	..	..	..	..	..
Mochó, Clarendon ..	..	..	..	..	2.30	Hall Head ..	..	..	..	..	..
Spaldings ..	5.57	3.39	4	8	..	Aeolus Valley ..	0.90	0.70	15	2	..		
Brokenhurst ..	2.44	1.38	15	7	3.21	Yallahs ..	0.61	0.36	27	4	..		
Shooters Hill ..	2.60	1.50	10	5	2.14	Easington ..	0.93	0.10	5	7	1.76		
Lowe River ..	2.32	0.57	7	9	3.31	Norris ..	1.13	0.30	5	6	..		
Christiana ..	3.42	1.82	4	12	2.36	Mavis Bank ..	3.70	1.27	12	6	..		
Clifton Hill ..	..	..	..	..	..	Bull Bay ..	0.15	0.15	12	1	0.98
Kendal, Manchester	0.92	0.56	4	6	..	Bellevue ..	..	..	..	..	3.28
Battersea ..	..	..	..	..	..	Gordon Town ..	2.33	0.68	9	9	3.70
Bleak House ..	1.60	0.79	4	6	..	Irish Town ..	4.20	1.40	9	6	2.34		
Mereworth ..	3.26	1.23	4	9	..	Hope Gardens ..	2.38	0.50	9	15	1.84		
Mandeville ..	1.68	1.11	4	7	3.28	Iver ..	2.96	0.80	10	11	..		
Chudleigh ..	3.41	1.38	4	12	2.36	Lunatic Asylum ..	..	..	..	..	0.78
Ulster Spring ..	3.59	1.48	4	15	3.38	Plumb Point L. H.	0.07	0.07	15	1	0.84		
Marshall's Pen ..	0.79	0.39	4	3	3.05	King's House Gar.	0.90	0.50	27	2	1.39		
Albert Town ..	2.30	1.00	5	4	3.00	N.E. Kingston ..	0.41	0.12	9	10	1.66		
Warsop ..	2.49	1.06	4	13	..	Upper Kingston ..	0.23	0.05	7	7	..		
Troy ..	0.10	0.10	4	1	2.20	Kingston P.W.O.	0.07	0.05	9	3	0.96		
						Half-way Tree ..	1.19	0.28	9	10	1.07		
						Clifton Pen ..	0.26	0.26	16	1	0.89		

STATION.	January, 1927.					STATION.	January, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.	SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.
Farm I.						Great Valley, Man. . .	1.04	0.60	7	4	2.30
Quarantine Station . .	0.07	0.03	9	3	1.02	Alligator Pond . . .	0.98	0.60	5	3	1.64
Cumberland Pen . . .	0.45	0.21	15	3	..	Fairfield	3.38	1.25	15	13	2.64
Watson Grove	0.40	0.18	10	3	..	Lititz	2.71	1.48	26	5	1.76
Great Salt Pond . . .	0.84	0.50	9	4	..	Myersville	2.55	0.70	26	8	..
Hematine	1.09	0.66	17	9	..	Gilnock	1.59	0.72	4	6	..
Spanish Town	0.95	0.34	26	8	1.50	Southfield, St. Eliz. .	2.96	1.58	7	9	2.56
The Stewartry	1.62	0.97	15	6	..	Bethlehem, St. Eliz. .	2.57	0.87	14	9	2.57
Hog Hole, St. Cath. .	1.72	0.91	15	7	1.72	Torrington	2.20	0.65	16	17	2.42
Hartlands	3.78	1.05	14	7	1.68	Santa Cruz	1.24	0.45	4	9	2.52
Amity Hall	4.89	1.88	26	8	..	Pedro Plains	2.15	0.94	16	7	1.96
Bushy Park	4.18	1.55	26	7	..	Mountainside	1.64	0.55	17	4	..
Old Harbour	2.90	1.30	15	6	2.22	Fort Charles . . . .	..	..	..	..	..
May Pen	2.37	0.88	15	5	1.47	Black River	0.71	0.30	26	5	1.67
Glen Muir	0.40	0.40	15	1	..	Font Hill	1.95	0.55	17	5	1.74
Dry River, Vere . . .	2.21	0.89	15	5	2.11	Mount Edgecombe . .	2.56	1.12	27	8	2.05
New Yarmouth	3.18	0.80	15	7	1.53	Sweet River	0.00	..	..	..	1.90
Cottage	1.53	0.57	24	6	..	Windsor, Sav.-la-Mar .	..	..	..	..	1.86
Belle Plain	0.95	0.40	4	5	..	Sav.-la-Mar	0.00	..	..	..	1.65
Milk River	2.40	0.65	15	8	2.04	Orchard	0.02	0.02	23	1	2.73
Retrieve	1.54	0.59	26	5	..	Little London	0.09	0.07	26	2	..
Hog Hole, S. Man. . .	1.24	0.74	26	2	..	Retreat	0.60	0.60	26	1	1.66
Stone's Hope	0.98	0.24	15	5	2.63	Negril Point L.H. . .	0.24	0.14	26	3	1.41
Newport, Man. . . .	1.20	0.52	4	8	2.75						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	January.	
	1927.	Average.
	In.	In.
North-Eastern Division . .	11.63	7.74
Northern	4.56	3.83
West-Central	1.57	2.87
Southern	1.59	1.94
The Island	4.84	4.10

SHOCKS OF EARTHQUAKE IN JANUARY, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
		None reported.	

THE ISLAND.

The Mean Rainfall for the Island was a little above the average. The average was exceeded in the North-eastern and Northern Divisions, but there was a deficiency in the West-central and Southern Divisions.

There were very heavy and continuous rains in Portland and the upper portions of St. Mary, St. Ann and other parishes, but there was very little rain along the coastal regions on the North-west, West and South.

The average number of rainy days was 19, 9, 6 and 6 in the North-eastern, Northern, West-central and Southern Divisions respectively, giving an average of 10 for the Island.

The greatest precipitation appears to have taken place during the first half of the month, particularly on the 4th, 7th and 11th.

No rain fell at the following stations:—Green River, Water Works Pen, Grange Hill, Sweet River and Sav-la-Mar.

The greatest total fall was 50.51 ins. at Balcarres in the North-eastern Division, and the heaviest fall in 24 hours was 6.65 ins. at the same station on the 7th.

The Mean Rainfall in each parish is tabulated below.

	Inches.		Inches.
Kingston ..	0.19	St. James ..	2.35
St. Andrew ..	4.32	Hanover ..	0.97
St. Thomas ..	2.26	Westmoreland ..	0.38
Portland ..	21.07	St. Elizabeth ..	1.92
St. Mary ..	8.46	Manchester ..	1.90
St. Ann ..	7.01	Clarendon ..	2.57
Trelawny ..	4.22	St. Catherine ..	3.09

AT KINGSTON.

For the month of January the total rainfall was exceedingly deficient, registering only 0.07 inch with three rainy days. This fall represents about 7 per cent of the 50-year normal of 0.96 inch. The greatest fall for 24 hours was 0.05 inch on 9th.

Rain fell on the hills on 7th, 9th, 10th, 16th, 17th and 27th. South-easterly wind continued until late on the 20th. Distant lightning was observed to Northward on 12th, 27th and 28th, and to South-east on 28th. Thunderstorm to Eastward on 13th and to North on 28th. "Northers" were experienced from 1st to 5th, also on 10th. The mean daily miles of wind registered was 145 as compared with the normal of 161. Maximum miles of wind in one day 298 on 2nd. Minimum 86 on 17th.

The mean barometric pressure was 29.988 ins., the normal being 29.974 ins. The highest barometer reading was 30.046 ins. on 5th at 3 p.m., and lowest 29.920 ins. on 15th at 7 a.m. (corrected for D.V.). The mean temperature was 75.9 degs., the 33-year average being 75.8 degs. The first half of the month was one deg. above the second half. Maximum temperature was below 90 degs. throughout, and minimum below 70 degs. on 25 days. Highest maximum temp. was 89.0 degs. on 19th, and lowest minimum 62.3 degs. on 25th. Mean relative humidity was 3 per cent. below the 33-year normal; rainfall being very much below the average. Mean 7 a.m. humidity 85 per cent., and mean 3 p.m. 57 per cent. Lowest 7 a.m. 65 per cent. on 2nd, and lowest 3 p.m. 44 per cent. on 19th.

Overcast on 11th.

Lunar Halo on 10th.

Total evaporation for the month was 5.25 inches. Mean Solar Maximum temperature 138.4 degs., and the extreme 147.4 degs. on 4th.

Rainfall for Upper Kingston 0.23 inch, with 7 rainy days.

Mean Number of Sunshine hours for January 9.0.

NEGRIL POINT.

A table shewing the mean Meteorological Results for the Station at Negril Point Light House (situated at the extreme West of the Island), for the year 1926, is appended. The extreme maximum temperature of 92.4 degs. occurred in June and in July. The extreme minimum of 63.0 degs. occurred on 15th January. Greatest monthly rainfall 9.88 ins. in August. The year's rainfall, 60.36 ins. exceeded the normal of 54.49 ins. The observations were made by Mr. J. S. Brownhill, the Superintendent of the Light House.

J. F. BRENNAN,
Government Meteorologist.

Kingston, February 20th, 1927.

NEGRIL POINT LIGHT HOUSE, JAMAICA. MEAN METEOROLOGICAL RESULTS FOR THE YEAR 1926.
Latitude 18° 15' North. Longitude 78° 23' West.

Month.	Barometer Pressure.		Temperatures. (Fah.)					Extremes for month.			Dewpoint and humidity.				Rainfall.				
	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.	7 a.m.		3 p.m.		Total	No. of Rainy Days.
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	ins.	
January	29.994	29.940	76.1	70.9	81.8	85.3	68.5	16.8	89.1	3	63.0	15	26.1	64.7	80	68.6	65	5.16	8
February	.990	.951	75.6	71.1	80.4	83.7	69.1	14.6	87.2	10	68.0	3	19.2	66.2	85	68.3	67	2.74	10
March	.990	.944	77.5	72.6	83.5	85.9	70.2	15.7	90.0	29	66.4	6	23.6	67.7	85	80.0	67	2.20	10
April	.987	.945	78.0	74.8	82.5	86.0	70.8	15.2	90.1	18	67.3	1	22.8	69.8	85	71.4	70	6.18	15
May	.934	.896	80.5	78.2	85.6	88.1	72.1	16.0	91.5	15	69.0	7	22.5	72.0	82	72.3	64	2.62	10
June	.948	.922	80.8	79.0	84.8	88.4	73.0	15.4	92.4	4	69.4	10	23.0	71.6	78	73.4	69	7.74	14
July	.946	.919	81.2	78.2	86.1	89.0	73.3	15.7	92.4	14	70.4	3	22.0	72.6	83	74.8	70	3.73	18
August	.943	.917	80.7	77.2	84.8	89.6	73.1	16.5	93.1	7	70.5	29*	22.6	72.6	86	75.1	73	9.88	24
September	.872	.845	80.3	77.1	84.1	88.1	73.8	14.3	91.8	30	70.7	28	21.1	72.7	86	74.4	73	5.24	18
October	.859	.817	79.7	75.9	84.3	87.3	73.2	14.1	91.2	1	70.8	5*	20.4	71.6	87	74.2	72	9.49	19
November	.904	.855	79.0	74.5	84.1	86.8	72.6	14.2	89.7	9	69.8	30	19.9	71.2	89	73.6	71	5.23	13
December	29.965	29.914	77.7	71.8	85.0	86.9	68.9	18.0	89.0	1	64.6	27	24.4	66.5	84	69.0	59	0.15	1
Means	29.944	29.905	78.9	75.1	83.9	87.1	71.6	15.5	90.6	..	68.3	..	22.3	69.9	84	72.9	68	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60.36	160

* And on other days.

Barometer pressure reduced to the Standards of Kew, 32°, gravity at Lat. 45°, and to mean Sea level. The 75th Meridian, west of Greenwich, Standard Time, used. Altitude of Barometer above M. S. L. 33ft. Height of Thermometers above the ground 4 feet 6 inches. Height of range above the ground 6 feet 5 inches. Height of anemometer above the ground 94 feet.

NEGRIL POINT LIGHT HOUSE. MEAN RESULTS, 1926—(Continued.)

Month.	Wind Miles per diem.	Wind from and Miles per hour.			Clouds, in Tenths.				WEATHER CONDITIONS.		
		7 a.m.	3 p.m.	11 p.m.	Lower.	Middle.		Upper.			
						7 a.m.	3 p.m.			7 a.m.	3 p.m.
January	236	N.E. 10.1	E.S.E. 12.0	E.N.E. 8.1	1.0	2.5	1.1	3.5	0.1	0.6	Fine, 9; Cloudy, 13; Overcast, 1; Rain, 8 days; Moderate Norther 13th and 14th; Brisk S.E. Winds 30th and 31st; Rainfall about 4 times the average.
February	222	N.N.E. 8.7	N.N.E. 12.3	E.N.E. 7.6	3.4	4.6	1.5	2.7	0.0	0.3	Fine, 4; Cloudy, 7; Overcast, 7; Rain 10 days; Light Norther on 10th and 11th and 27th and 28th; Rainfall about the average.
March	216	N.N.E. 8.2	E.S.E. 11.6	N.E. 7.4	1.7	2.1	1.6	3.2	1.0	0.2	Fine, 8; Cloudy, 7; Overcast, 6 and Rain on 10 days. High S.E. Winds 30th and 31st; Rainfall about the average.
April	195	E.h.N. 6.1	E.b.S. 10.0	E. 6.6	0.6	4.1	0.7	4.2	3.3	0.2	Fine, 3; Cloudy, 8; Overcast, 4; Rain, 15; and distant thunder and lightning on a few days; Thunderstorm on the 3th; Rainfall twice the average.
May	175	E.N.E. 5.0	S.E. 9.8	E. 6.4	0.3	0.6	0.4	5.5	4.7	1.5	Fine, 3; Cloudy, 10; Overcast, 8; Rain, 10 days; Thunderstorm on the 9th; distant thunder and lightning on a few days. Rainfall about half the average.
June	182	E.N.E. 7.1	E. 9.1	E. 6.2	0.0	1.4	0.4	6.4	5.1	0.8	Fine, 2; Cloudy, 7; Overcast, 7; Rain, 14; Thunderstorm, 5; distant thunder and lightning on a few days; Rainfall about the average.
July	177	E.N.E. 6.3	S.E. 9.6	E. 6.7	0.3	0.3	1.0	7.0	5.1	1.1	Fine, 3; Cloudy, 4; Overcast, 6; Rain, 18; Thunderstorm, 12; distant thunder and lightning on a few days; Rainfall below the average.
August	192	N.E. 6.6	E. 9.9	E. 6.4	1.3	0.0	1.3	7.4	3.3	1.6	Fine, 1; Cloudy, 1; Overcast, 5; Rain, 24; Thunderstorm on 20; distant thunder and lightning on many days; Rainfall about the average. Bar. dep. and disturbance to West of Island on 20th and 21st causing brisk S.E. Wind and rain.
September	195	E. 7.7	E. 11.3	E. 6.3	1.9	2.3	2.0	5.6	4.0	1.4	Cloudy, 3; Overcast, 9; Rain, 18; Thunderstorm on 19th and distant thunderstorm and lightning on rainy days; Rainfall below the average.
October	221	E.N.E. 8.3	E.S.E. 11.1	E. 9.1	2.2	1.0	0.0	6.6	5.1	1.0	Fine, 1; Cloudy, 4; Overcast, 7; Rain, 19; Thunderstorm 11 days; Bar. dep. from 15th to 19th; lowest reading on 17th about 7 a.m.; Rainfall above the average.
November	182	N.E. 6.9	N.E. 7.9	E. 6.7	1.3	1.3	1.7	3.9	2.8	1.9	Fine, 7; Cloudy, 3; Overcast, 7; Rain, 13; Thunderstorm, 5 days; distant thunderstorm and lightning on many days; Rainfall above the average.
December	210	N.E. 9.7	N.E. 11.3	N.E. 7.0	0.5	0.6	1.0	2.8	1.0	0.3	Fine, 18; Cloudy, 12; Rain, 1; Thunderstorm on 1 day; Light Norther on 30th and 31st; Rainfall below the average.
Means.	200	E.N.E. 7.6	E. 10.5	E. 7.0	1.2	1.7	1.1	4.9	3.0	0.9	Rainfall for the year was 5.87 ins. above the average with 160 rainy days.

No. 595.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

FEBRUARY, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.			Temperature.					Extreme Temperature.					
		7 a.m.		3 p.m.	7 a.m.		3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
		ft.	in.	in	°	°	°	°	°	°	°	°	°	°	°
Morant Pt. Light House	8	30.057	30.022	76.3	80.2	81.5	72.3	9.2	83.6	20	64.9	22	18.7		
Kingston	24	30.033	29.97	67.8	83.1	84.6	66.9	17.7	88.2	3	63.2	6	25.0		
Negril Pt. Light House	33	30.041	29.989	71.4	82.7	86.1	63.1	17.0	89.0	5	63.5	14	25.5		
Castleton Gardens	496			64.7	79.0	82.5	63.6	18.9	86.0	5	59.0	18	27.0		
Hope Gardens†	668	30.049	29.970	65.6	81.4	83.8	62.8	21.0	87.*	12	59.0	7	28.0		
Stony Hill Indus. School	1,400			61.7	73.4	77.8	64.5	13.3	84.0	1	61.0	19	23.0		
Hill Gardens	4,900	25.284	25.265	60.7	62.8	65.9	52.9	13.0	70.0	28	49.0	21	21.0		

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft	°	%	°	%	in.	Mile.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	867	9	75	68.3	67	2.51	269	N.E.	12.0	E.N.E.	10.0	2.7	1.8	0.6	1.8	2.0	0.5
Kingston	246	27	84	66.8	58	1.02	150	N.N.E.	4.1	S.E.	10.5	1.7	0.4	0.5	2.2	3.7	0.0
Negril Point	336	49	80	67.7	61	1.14	244	N.E.	9.8	var.	12.5	1.0	1.3	0.5	2.0	4.9	0.0
Light House	336	49	80	67.7	61	1.14	244	N.E.	9.8	var.	12.5	1.0	1.3	0.5	2.0	4.9	0.0
Castleton Gdns.	496	62	8	93	71.7	78	8.05	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	60	7	84	72.9	76	2.49	..	..	..	..	..	..	..	..	..	..
Stony Hill																	
Indus. School	1,400	60	3	86	70.	89	3.44	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	55	1	82	58.9	87	5.88	..	..	..	..	..	..	..	..	..	..

* And on other days.

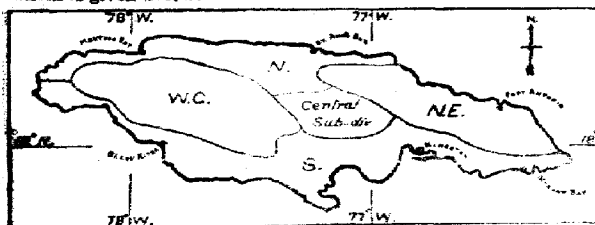
† Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 29 of 1923 Edition, an outline of which is given below.



February, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)					
Mauchioneal	In. 1.76	In. 0.80	8	11	In. 5.51
Priestman's River	1.65	0.70	8	6	..
Bath	3.08	0.85	19	13	4.43
Millbank	10.67	3.53	3	10	..
Moore Town	4.58	1.07	15	14	12.92
Port Antonio	2.56	0.90	8	7	6.01
Passley Garden	2.37	0.53	5	12	..
Fellowship	3.94	0.8	8	9	10.47
Johnson River Br.	3.13	1.00	5	6	2.21
Trinity Ville	2.19	0.95	4	9	..
Shrewsbury	5.70	1.40	14	13	11.36
Hope Bay	4.02	1.53	8	14	..
Cedar Valley	0.77	0.67	22	2	2.50
Paradise	4.98	1.20	14	9	..
Lennox	3.98	1.90	9	6	..
Greenvale	..	..	..	..	11.36
Spring Garden	4.48	2.00	9	11	..
Hill Gardens	5.88	3.00	3	7	4.07
Buff Bay	4.77	1.93	14	7	7.71
Belvedere, Portland	3.20	1.00	6	7	..
Windsor Castle do	4.20	1.60	14	6	6.23
Balcarras	12.85	5.60	3	7	..
Mt. Holstein	20.70	8.95	3	5	6.93
Cedar Hurst	10.18	5.85	3	10	..
Hardware Gap	6.47	3.00	3	5	3.36
Rose Hill	6.02	4.11	4	7	4.26
Hermitage	4.16	1.76	4	5	..
Stony Hill Ind. School	3.34	3.10	4	7	..
Iter Boreale	..	..	..	..	..
Enfield	4.27	1.94	2	8	..
Agualta Vale	2.91	0.58	14	12	5.33
Castleton Gardens	8.05	5.10	3	8	4.94
NORTHERN DIVISION (N.)					
Port Maria	2.29	1.46	14	6	5.38
Sand Hill	..	..	..	..	..
Eden Park	..	..	..	..	..
Oracabessa	2.23	1.34	14	6	..
New Ramble	..	..	..	..	5.30
Ocho Rios	1.68	0.45	14	6	3.77
Bogue, Ocho Rios	2.34	0.75	6	7	4.79
Drax Hall	1.75	0.70	15	4	4.39
Rockfield	4.16	1.50	2	9	5.48
Liberty Hill	1.00	0.50	14	5	4.86
St. Ann's Bay	1.64	0.65	14	10	4.76
Seville	..	..	..	..	4.29
Richmond Estate	1.14	0.55	14	4	4.28
Llandoverly	..	..	..	..	4.52
Runaway Bay	0.60	0.60	14	1	..
Knapdale	4.28	2.38	3	6	..
Alexandria	2.75	1.10	27	6	..
Brown's Town	3.98	1.58	3	8	4.16
Watt Town, St. Ann	2.14	1.00	26	3	..
Home Castle	3.50	2.50	3	5	3.29
Richmond Pen	0.60	0.20	4	4	2.21
Bryan Castle	0.80	0.30	3	4	2.45
Braco	1.10	0.10	3	1	2.27
Arcadia	..	..	..	..	2.62
Vale Royal	..	..	..	..	2.62
Harmony Hall	0.23	0.15	4	3	2.46
Colchis Pen	1.99	0.45	3	7	1.64
Duncans	0.64	0.38	3	3	..
Clark's Town	1.75	0.95	3	3	..
Carey Park	0.10	0.07	9	2	..
Falmouth	0.41	0.15	2	5	1.84
Canaan	0.17	0.77	3	3	2.14
Hampden	..	..	..	..	2.03
Grange	0.00	0.00	0	0	..
Success	0.25	0.25	21	1	2.22
Guilsboro	..	..	..	..	1.96

* Gauge overflowed.

February, 1927.						February, 1927.					
STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.	STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Rose Hall	0.10	In. 0.10	21	1	In. 2.35	Wallingford	4.65	In. 1.75	21	9	In. 2.83
Cinnamon Hill	0.30	0.30	21	1	2.54	Balaclava	4.10	1.50	21	6	2.21
Tryall	0.35	0.25	21	2	1.14	Deeside	0.56	0.26	2	3	..
Running Gut	1.15	1.15	21	1	2.11	Magotty	5.78	2.37	24	5	3.02
Spring Estate	0.65	0.65	21	1	2.56	Lacovia	2.15	1.14	25	4	..
Friendship	1.27	0.20	5	5	..	Kempshot	0.29	0.16	4	3	2.77
Retirement	0.89	0.68	10	3	..	Garlands	1.60	0.39	27	10	..
Belfield	0.67	0.43	4	3	..	Mocho, St. James	..	..	..	..	..
Montego Bay	1.18	0.49	4	6	1.84	Bandon Pen	1.03	1.03	27	1	..
King's Gate	0.14	0.09	3	2	2.25	Springfield, St. Eliz.	5.14	0.97	27	10	..
Blue Hole	1.88	1.12	21	9	..	Cambridge, St. Jas.	0.45	0.12	20	9	..
Kew	..	..	..	..	2.20	New Market	6.58	1.57	27	11	..
Lucea	1.66	0.80	21	5	2.33	Kew Park	1.19	0.52	20	11	2.81
Haughton Court	..	..	..	..	1.99	Montpelier	..	..	..	..	..
Cousins Cove	3.00	2.62	21	..	..	The Bog	3.75	0.91	25	9	..
Green River	2.19	1.64	21	6	..	Petersville	..	..	..	..	2.79
Green Island	3.84	3.00	21	8	..	Bethel Town	3.01	0.65	23	12	..
Haughton Hall	2.63	1.83	21	8	..	Burnt Ground	0.44	0.25	27	6	2.43
CENTRAL SUB-DIVISION.						Haughton Grove	..	..	..	..	3.13
Knollis	1.30	0.60	4	3	..	Darliston	4.26	2.10	7	7	3.41
Highgate	2.78	1.68	3	6	..	Knockalva	1.17	1.40	8	8	..
Rio Magno	1.96	0.86	2	4	..	Ramble	1.11	0.37	27	7	..
Riversdale	1.03	0.42	3	5	..	Bluefields	..	..	..	..	3.80
Headworks, R.C.C.	3.50	1.92	22	5	1.52	Whithorn	2.53	0.95	6	6	3.15
Berkshire Hall	1.20	0.60	24	2	2.10	Water Works Pen	2.48	0.99	7	9	..
Bog Walk	1.39	0.51	3	5	..	Askenish	0.10	0.05	20	2	..
Linstead	1.64	0.42	3	11	1.93	Grange Hill	1.48	0.45	6	10	2.39
Cave Valley	2.56	1.67	25	4	2.17	King's Vale	1.97	0.94	21	4	2.80
Point Hill	1.17	0.43	3	10	3.61	SOUTHERN DIVISION (S.)					
Bellas Gate	0.50	0.50	2	1	..	Morant Point L. H.	2.51	1.15	4	13	2.89
Croft Hill	0.17	0.09	2	2	1.56	Golden Grove	..	..	..	..	..
Chapelton	0.51	0.16	26	6	1.72	Pleasant Hill	2.72	1.23	4	6	..
Crooked River	0.52	0.17	26	6	..	Phillipsfield	2.60	0.95	19	10	..
Trout Hall	..	..	..	..	1.81	Bowden	3.83	1.67	4	10	..
James Hill	0.55	0.35	25	4	..	East Prospect	5.57	1.96	11	11	2.18
Frankfield	2.70	1.28	25	3	..	Morant Bay	2.69	0.90	4	10	1.98
WEST-CENTRAL DIVISION (W.C.)						Springfield	..	..	..	..	..
Mocho, Clarendon	..	..	..	..	1.45	Hall Head	..	..	..	..	..
Spaldings	5.37	1.40	27	9	..	Aeolus Valley	..	..	..	..	..
Brokenhurst	3.30	1.60	22	7	2.37	Yallahs	1.17	0.26	14	7	..
Shooters Hill	1.73	1.15	25	4	1.88	Easington	1.62	0.60	4	7	1.43
Lowe River	4.06	1.90	27	6	2.86	Norris	1.47	0.51	4	7	..
Christiana	5.45	1.86	25	12	2.42	Mavis Bank	1.44	0.74	3	3	..
Clifton Hill	3.34	1.65	25	6	..	Bull Bay	0.29	0.29	4	1	0.48
Kendal, Manchester	1.99	1.27	25	5	2.32	Bellevue	2.37	0.92	24	9	..
Battersea	..	..	..	..	..	Gordon Town	1.78	0.68	4	7	1.63
Bleak House	2.86	1.10	25	6	..	Irish Town	2.18	1.50	4	4	1.34
Mereworth	2.82	1.30	22	7	..	Hope Gardens	2.49	0.90	24	7	1.18
Mandeville	2.95	1.21	25	6	2.69	Iver	1.84	0.65	4	6	..
Chudleigh	5.97	2.32	25	7	2.90	Lunatic Asylum	..	..	..	..	0.51
Ulster Spring	2.15	0.59	3	9	2.97	Plumb Point L. H.	0.57	0.22	19	5	0.65
Marshall's Pen	3.21	1.90	25	4	2.91	King's House Gar.	1.40	0.50	24	4	1.27
Albert Town	3.28	1.33	23	5	2.65	N.E. Kingston	0.97	0.40	24	11	0.60
Warsop	4.12	0.93	22	11	..	Upper Kingston	0.95	0.38	24	9	..
Troy	4.80	1.56	22	6	2.98	Kingston P.W.O.	1.02	0.45	24	5	0.60
						Half-way Tree	1.48	0.85	24	6	0.80
						Clifton Pen	1.03	0.68	24	2	0.48

STATION.	February, 1927.					STATION.	February, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I.	3.03	1.25	25	7		Great Valley, Man. . .	6.23	3.31	22	7	2.26
Quarantine Station . .	0.76	0.40	19	6	0.34	Alligator Pond . . .	2.56	1.50	22	5	1.06
Cumberland Pen . . .	2.26	0.61	19	5		Fairfield	3.54	1.31	25	10	2.36
Watson Grove	2.34	0.61	24	7		Lititz	2.55	1.14	25	7	1.58
Great Salt Pond . . .						Myersville	2.11	1.14	22	6	
Hematine	4.18	2.37	24	9		Gilnock	5.48	1.90	24	8	
Spanish Town	5.14	2.37	24	9	1.22	Southfield, St. Eliz. .	4.28	2.18	22	9	1.98
The Stewartry	3.43	1.31	23	5		Bethlehem, St. Eliz. .	2.50	1.00	22	11	2.26
Hog Hole, St. Cath. .	3.63	1.26	24	6	1.70	Torrington	2.06	0.63	24	7	2.28
Hartlands	2.33	1.53	24	8	1.26	Santa Cruz	2.40	1.42	27	10	2.33
Amity Hall	1.42	1.02	24	5		Pedro Plains	3.68	2.05	22	7	1.08
Bushy Park	1.80	0.92	24	6		Mountainside					
Old Harbour	4.36	2.20	22	7	1.67	Fort Charles					
May Pen	2.25	0.84	21	9	1.62	Black River	2.57	1.66	27	8	1.69
Glen Muir	0.00	0.00				Font Hill	2.20	0.85	24	8	1.48
Dry River, Vere . . .	1.83	0.72	24	5	1.00	Mount Edgecombe . .	1.77	0.60	17	11	2.40
New Yarmouth	1.11	0.50	24	5	1.12	Sweet River	0.73	0.40	6	5	2.77
Cottage	1.73	0.58	21	4		Windsor, Sav.-la-Mar .					2.32
Belle Plain	0.25	0.15	20	2		Sav.-la-Mar	1.16	0.00	6	7	2.10
Milk River	0.00	0.00			1.32	Orchard	0.88	0.40	6	5	2.27
Retrieve	1.24	0.47	16	6		Little London	1.46	1.04	7	5	
Hog Hole, S. Man. . .	2.21	0.83	26	4		Retreat	0.30	0.20	4	3	2.51
Stone's Hope	2.16	0.65	24	8	2.03	Negril Point L.H. . .	1.14	0.28	4	7	1.74
Newport, Man. . . .	1.16	0.54	22	10	2.45						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	February.	
	1927.	Average.
	In.	In.
North-Eastern Division . .	4.09	5.51
Northern	1.37	2.48
West-Central	3.12	2.69
Southern	2.16	1.57
The Island	2.68	3.06

SHOCKS OF EARTHQUAKE IN FEBRUARY, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
28	10.55 p.m.	I	Stony Hill
28	10.08 "	"	New Yarmouth
28	10.10 "	"	Port Maria

THE ISLAND.

The mean rainfall for the Island was somewhat below the average. The deficiency occurred in the Northern and North-Eastern Divisions. In the West-Central and the Southern Divisions the fall was slightly above the average.

The rainfall was fairly well distributed, but the heaviest fall occurred in the first and last weeks of the month.

The average number of rainy days was 8, 4, 7 & 7 in the North-Eastern, Northern, West-Central and Southern Divisions, respectively, giving an average of 6 for the Island.

No rain fell at the following stations:—Grange, Glen-Muir and Milk River.

The greatest total fall 20.70 ins. occurred in the Northern Division at Mount Holstein, and the heaviest fall in 24 hours 8.95 ins. fell at the same station on the 3rd inst.

The mean rainfall in each parish is tabulated below:—

	Ins.		Ins.
Kingston	0.88	St. James	1.04
St. Andrew	2.87	Hanover	1.80
St. Thomas	2.64	Westmoreland	1.88
Portland	5.94	St. Elizabeth	3.64
St. Mary	3.15	Manchester	3.10
St. Ann	2.35	Clarendon	1.31
Trelawny	1.78	St. Catherine	2.23

AT KINGSTON.

For the month of February the total rainfall of 1.02 ins., though small, was 70% above the 50-year normal, with six rainy days. The greatest fall in 24 hours was 0.45 inch on 24th.

Rain was observed on the hills, nearby, to the North, North-east and East on four days. No local thunderstorm occurred.

Southeasterly wind continued until late into the evenings of 12th and 13th. The mean daily miles of wind registered was 150 as compared with the normal of 177. Maximum number of miles of wind in one day was 240 on 19th, and minimum 99 on 1st. The mean daily wind was again below the normal and persisting so for four successive months, possibly owing to a deficiency of the usual southeasterly wind in the afternoon. This shortage has been also observed at Morant Point Light House.

The mean barometric pressure was 30.019 ins.; the normal being 29.981 ins. The highest barometer reading was 30.070 ins. on 15th at 7 a.m., and the lowest 29.971 ins. on 18th at 3 p.m. (corrected for D.V.) The mean temperature was 75.1 degs.; the 33-year average being 75.7 degs. The first half of the month was 0.5 deg. warmer than the second half, possibly attributable to a greater rainfall during the latter part of the month. The maximum temperature was below 90 degs. throughout, and the minimum was below 70 degs. on 26 days. Highest maximum temp. was 88.2 degs. on 3rd., and lowest minimum 63.2 degs. on 6th. The mean relative humidity was one per cent. below the 33-year average. The mean 7 a.m. was 84%, and the mean 3 p.m. 58%. Lowest 7 a.m., 74% on 3rd, and lowest 3 p.m. 42% on 2nd.

The sky was over-cast on nine days.

The mean number of sunshine hours was 9.4. The total evaporation for the month was 5.14 inches. Mean solar maximum temperature 132.2 degs. Extreme Max. 145.6 degs. on 15th.

The rainfall for Upper Kingston was 0.95 inch with 9 rainy days.

MORANT POINT LIGHT HOUSE.

A Table shewing the mean Meteorological Results for the Station at Morant Point Light House (situated at the extreme east of the Island) for the year 1926 is appended. The absolute maximum temperature of 89.5 degs. occurred in July, and the absolute minimum of 61.0 degs. occurred in February. The greatest monthly rainfall of 10.32 ins. was registered in August. The year's rainfall of 39.56 ins. was very much below the normal of 70.19 ins. The observations were made by Mr. Chas. Durrant, the Superintendent of the Light House.

J. F. BRENNAN,
Government Meteorologist,

Kingston, March 18th, 1927.

MORANT POINT LIGHT HOUSE, JAMAICA, MEAN METEOROLOGICAL RESULTS FOR THE YEAR 1926.
Latitude 17° 55' North. Longitude 76° 12' West.

Month.	Barometer Pressure.		Temperatures. (Fah.)						Extremes for month.			Dewpoint and humidity.			Rain- Rainy				
	7 a.m. 3 p.m.		Mean	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range	3 p.m.		fall.	Days.				
	Ins.	Ins.										°	°			°	°	°	%
January	..	30.013	29.973	78.7	78.5	81.1	82.2	75.1	7.1	84.6	69.3	15.3	69.7	75	72.1	74	2.18	18	
February008	.947	77.2	77.0	80.1	81.6	9.6	83.6	61.0	22.6	69.7	75	70.0	71	3.45	11	
March010	.972	78.0	77.1	81.3	82.2	8.9	85.1	64.8	20.3	70.2	79	71.1	71	1.41	7	
April004	.974	80.4	80.0	83.0	84.7	8.7	86.3	68.0	18.3	72.1	77	72.7	71	1.15	6	
May	29.951	.920	81.2	80.5	84.4	86.0	10.3	87.5	67.0	20.5	72.9	78	73.3	70	1.56	12	
June970	.945	82.4	82.1	85.2	86.5	8.6	87.7	71.0	16.7	74.1	77	74.7	71	1.18	13	
July966	.940	83.1	82.9	85.9	87.3	8.8	89.5	70.1	19.4	74.9	77	74.5	69	1.17	10	
August968	.940	82.9	83.2	85.2	87.4	9.5	89.0	71.0	18.0	74.5	75	75.1	72	10.32	19	
September894	.864	81.8	81.6	84.9	87.0	11.4	88.5	70.0	18.5	74.3	79	74.5	71	5.62	19	
October880	.840	81.8	81.7	84.3	86.2	9.2	87.7	72.2	15.5	74.5	79	74.3	72	4.16	12	
November919	.876	80.6	80.6	83.3	85.1	9.7	87.0	69.8	17.2	72.8	77	73.4	72	4.94	22	
December	29.980	.943	79.1	79.0	81.6	82.8	7.7	84.4	63.5	20.9	69.7	73	69.9	68	2.42	9	
Means	29.963	.928	80.6	80.3	83.4	84.9	75.8	9.1	86.7	68.1	18.6	72.4	77	73.0	71
Total	39.56	158	

Barometer pressure reduced to the Standards of Kew, 32°, gravity at Lat. 45°, and to mean Sea level. The 75th Meridian, west of Greenwich, Standard Time used.
Altitude of Barometer above M. S. L. 8 ft. Height of Thermometers above the ground 4 feet 6 inches. Height of rain gauge above the ground 3 feet. Height of anemometer above the ground 18 feet.

MORANT POINT LIGHT HOUSE. MEAN METEOROLOGICAL RESULTS, FOR THE YEAR 1926—(Continued.)

Month.	Wind Miles per diem.	Wind from and Miles per hour.		Clouds, in Tenths.						Weather Conditions.	
		7 a.m.	3 p.m.	Lower.	Middle.	Upper.					
January	362	N.E.	17 N.E.	14	2.2	1.1	1.7	3.3	0.1	0.2	Rain on 18 days; Overcast on 2 days; Clear blue sky 1 day; Short-lived N.W. gale on 13th and 14th.
February	314	N.E.	15 N.E.	13	2.7	2.0	2.1	1.8	0.2	0.0	Rain on 11 days; Overcast on 2 days; Clear blue sky 6 days.
March	298	N.E.	14.5 N.E.	14	2.8	2.3	1.7	2.4	0.2	0.0	Rain on 7 days; Overcast on 3 days; Clear blue sky 1 day. On 28th at 8 p.m. brilliant meteor; E. to W. very low, duration 4 sec.
April	277	E.N.E.	12 E.N.E.	10.5	1.5	1.2	2.9	2.3	0.4	0.8	Rain on 6 days; Norther on 21st; Overcast on 2 days; Clear blue sky 1 day.
May	211	E.N.E.	8.5 E.N.E.	8	0.8	0.1	2.6	3.0	1.6	1.5	Rain on 12 days; Overcast 1 day; Clear blue sky 1 day.
June	277	E.	12 E.	12	2.1	0.8	1.3	2.1	1.6	1.2	Rain on 13 days. Overcast 1 day. Clear blue sky 1 day.
July	309	E.N.E.	16 E.	12.5	1.4	0.4	2.1	2.4	1.7	1.6	Rain on 10 days; Overcast on 2 days; Thunderstorms on 3 days 14.15.16.
August	301	E.N.E.	15 E.N.E.	12	2.2	2.5	1.6	2.3	1.6	1.5	Rain on 19 days; Overcast 1 day; Thunderstorms on 7 days.
September	206	E.N.E.	7 E.N.E.	8.5	1.6	1.6	1.1	2.2	2.9	2.5	Rain on 19 days; Overcast 5 days; Thunderstorms 5 days.
October	235	E.N.E.	11 E.	7.0	2.1	1.8	1.9	2.1	2.1	2.0	Rain on 12 days; Overcast 2 days; Thunderstorms 2 days.
November	220	N.N.E.	9 N.E.	8	2.4	2.9	1.3	1.4	1.2	1.3	Rain 22 days. Overcast 1 day; Clear blue sky 1 day.
December	326	N.N.E.	14 N.E.	13	2.5	1.9	1.0	1.9	0.2	0.3	Rain 9 days; Overcast 2 days; Clear blue sky 4 days; Thunderstorms 2 days; Short-lived Norther on 4th. N.E. gale 7th and 8th.
Means.	278	N.E.	13 E.N.E.	11	2.0	1.5	1.8	2.3	1.1	1.1	158 Rainy days. 24 Overcast. 16 Clear blue sky. Thunderstorms 19 days.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MARCH, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32", gravity at Lat. 45 and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus: and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	30.027	29.993	77.0	80.6	81.5	73.3	8.2	84.3	23	65.9	25	18.4
Kingston	24	30.002	29.947	68.8	83.7	85.9	67.1	18.8	88.1	30	62.9	6	25.2
Negril Pt. Light House	33	30.013	29.971	71.7	83.6	86.7	69.3	17.4	91.7	18	64.3	30	27.4
Castleton Gardens	496			65.8	79.4	84.7	64.8	19.9	88.0	21*	58.0	8*	30.0
Hope Gardens†	668	30.023	29.937	65.0	82.3	85.9	63.1	22.8	89.0	14	61.0	9	28.0
Stony Hill Indus. School	1,400			65.4	76.9	79.9	65.1	14.8	83.0	15*	63.0	10*	20.0
Hill Gardens	4,900	25.294	25.264	61.6	63.3	66.5	53.3	13.2	70.0	19	49.0	8	21.0

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	867.8	73	68.9	68	0.02	310		N.E.	15.0	N.E.	14.0	2.0	1.2	0.2	1.1	1.5	0.1
Kingston	2463.0	82	67.3	59	0.42	168		N.	4.7	S.E.	12.2	0.0	0.1	0.0	2.8	3.1	0.2
Negril Point	3365.4	81	68.2	60	0.13	229		N.E.	8.3	var.	12.2	0.6	0.7	0.2	0.6	5.1	0.6
Light House	49664.0	94	72.9	81	2.85	..		..	..	..	..	..	..	..	..	..	..
Castleton Gdns.	49664.0	94	72.9	81	2.85	..		..	..	..	..	..	..	..	..	..	..
Hope Gardens	66860.5	86	71.7	70	1.46	..		..	..	..	..	..	..	..	..	..	..
Stony Hill																	
Indus. School	1,40061.0	86	70.1	79	2.66	..		..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,90054.4	77	59.6	89	0.61	..		..	..	..	..	..	..	..	..	..	..

* And on other days.

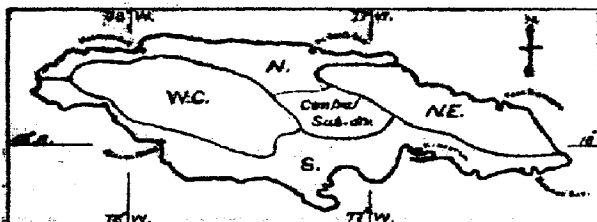
† Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negri; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



March, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.									
		Amount.	Date.											
NORTH-EASTERN DIVISION (N.E.)														
Manchioneal	0.14	0.05	11	4	3.16									
Priestman's River	0.00													
Bath	0.42	0.22	17	4	3.98									
Millbank	4.04	0.72	13	6										
Moore Town	4.23	1.36	18	18	9.78									
Port Antonio	0.54	0.27	15	2	4.76									
Passley Garden	0.66	0.41	15	5										
Fellowship	2.03	0.35	5	9	7.31									
Johnson River Br.	0.00				2.32									
Trinity Ville	0.06	0.05	29	1										
Shrewsbury					8.52									
Hope Bay	1.28	0.28	18	13										
Cedar Valley	0.47	0.47	29	1	3.07									
Paradise														
Lennox	2.33	0.83	18	6										
Greenvale	4.76	1.64	30	13	10.77									
Spring Garden	1.73	0.38	19	12	5.32									
Hill Gardens	0.61	0.46	24	3	4.88									
Buff Bay	1.62	0.34	22	9	5.54									
Belvedere, Portland	7.09	3.00	18	8										
Windsor Castle do	1.56	0.45	27	6	5.80									
Balcarres	4.30	1.65	30	10										
Mt. Holstein	3.03	1.05	18	4	8.09									
Cedar Hurst	2.25	1.39	20	10										
Hardware Gap	2.35	0.65	20	6	4.21									
Rose Hill	3.43	1.17	19	9	4.80									
Hermitage	2.85	2.52	22	4										
Stony Hill Ind. School	2.66	1.75	22	6	3.10									
Iter Boreale														
Enfield	7.06	3.12	22	12										
Agualta Vale	4.03	2.59	19	13	4.40									
Castleton Gardens	2.85	1.20	21	5	4.87									
NORTHERN DIVISION (N.)														
Port Maria	0.34	0.20	22	3	3.16									
Sand Hill														
Eden Park	0.06	0.03	30	3										
Oracabessa	0.21	0.21	30	1										
New Ramble					4.70									
Ocho Rios	0.42	0.15	30	4	2.89									
Bogue, Ocho Rios	0.52	0.25	30	3	4.12									
Drax Hall	1.77	1.35	25	3	3.24									
Rockfield	0.98	0.70	2	4	4.22									
Liberty Hill	1.52	0.95	25	5	4.39									
St. Ann's Bay	1.98	1.48	45	7	2.85									
Seville					3.15									
Richmond Estate	1.53	1.14	26	3	2.79									
Llandoverly					2.95									
Runaway Bay	1.00	0.80	26	2										
Knapdale	3.19	1.05	23	8										
Alexandria	1.09	0.96	20	2										
Brown's Town	1.39	0.72	26	7	3.08									
Watt Town, St. Ann	3.71	2.00	20	4										
Home Castle					2.68									
Richmond Pen					2.52									
Bryan Castle	0.55	0.30	30	4	2.08									
Braco	0.50	0.20	30	3	1.72									
Arcadia					2.08									
Vale Royal					2.40									
Harmony Hall	0.57	0.40	20	4	1.97									
Colchis Pen	1.02	0.56	22	6	1.95									
Duncans	0.39	0.20	14	3										
Clark's Town	0.20	0.20	26	1										
Carey Park	0.59	0.41	13	4										
Falmouth	0.88	0.22	25	5	1.74									
Canaan	0.00			3	2.44									
Hampden														
Grange	0.00													
Success	0.00				1.83									
Guilsboro														

* Gauge overflowed.

March, 1927.						March, 1927.					
STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.	STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Rose Hall ..	0.05	0.05	24	1	1.67	Wallingford ..	7.89	1.46	29	18	5.32
Cinnamon Hill ..	0.15	0.15	24	1	1.77	Balaclava ..	5.64	1.65	19	9	4.89
Tryall ..	0.45	0.25	24	2	1.65	Deeside ..	0.06	0.06	1	1	..
Running Gut ..	0.20	0.20	24	1	1.63	Magotty ..	10.68	3.65	29	12	5.98
Spring Estate ..	0.25	0.25	24	1	1.56	Lacovia ..	7.35	1.34	17	11	..
Friendship ..	1.32	0.68	22	5	..	Kempshot ..	1.44	1.44	22	1	3.12
Retirement ..	2.20	1.07	22	6	..	Garlands ..	6.81	2.48	16	12	..
Belfield ..	0.56	0.24	22	4	2.85	Mocho, St. James ..	..	..	..	..	..
Montego Bay ..	0.33	0.19	24	4	1.69	Bandon Pen ..	2.42	0.96	22	7	..
King's Gate ..	0.35	0.20	20	3	2.81	Springfield, St. Eliz.	5.95	1.50	22	11	..
Blue Hole ..	0.36	0.19	22	3	..	Cambridge, St. Jas.	2.71	0.94	16	11	5.78
Kew ..	0.10	0.10	..	1	3.30	New Market ..	3.69	1.03	24	11	6.40
Lucea ..	0.03	0.03	1	1	2.37	Kew Park ..	3.06	0.68	29	15	4.50
Haughton Court ..	0.07	0.07	22	1	2.17	Montpelier ..	0.55	0.25	20	4	..
Cousins Cove ..	0.30	0.22	3	2	..	The Bog ..	5.13	2.35	23	12	7.56
Green River ..	..	..	..	..	..	Petersville ..	..	..	..	..	5.32
Green Island ..	1.89	0.83	1	5	..	Bethel Town ..	..	..	..	..	..
Haughton Hall ..	..	..	..	..	..	Burnt Ground ..	1.72	0.47	20	7	4.55
CENTRAL SUB-DIVISION.						Haughton Grove ..	..	..	..	..	4.02
Knollis ..	0.00	..	..	..	..	Darliston ..	3.78	0.83	19	11	6.42
Highgate ..	2.87	1.26	14	5	..	Knockalva ..	4.37	1.87	1	8	5.54
Rio Magno ..	0.13	0.13	22	1	..	Ramble ..	2.33	0.53	3	10	..
Riversdale ..	0.32	0.20	2	2	..	Bluesfields ..	..	..	..	..	7.26
Headworks, R.C.C.	1.85	0.78	31	4	2.93	Whithorn ..	3.49	1.90	22	9	4.90
Berkshire Hall ..	..	..	..	..	2.65	Water Works Pen ..	2.73	1.55	22	9	6.50
Bog Walk ..	1.21	0.44	13	5	..	Askenish ..	0.60	0.15	9	8	..
Linstead ..	0.71	0.71	2	1	3.06	Grange Hill ..	0.50	0.27	22	5	5.81
Cave Valley ..	1.00	0.67	27	3	2.77	King's Vale ..	0.30	0.20	22	2	4.61
Point Hill ..	2.61	0.92	18	7	4.88	SOUTHERN DIVISION (S.)					
Bellas Gate ..	2.58	1.18	14	3	..	Morant Point L. H.	0.02	0.01	22	2	2.15
Croft Hill ..	2.08	1.50	24	3	3.07	Golden Grove ..	0.00	..	..	..	..
Chapelton ..	1.64	0.79	24	4	2.83	Pleasant Hill ..	0.01	0.01	21	1	..
Crooked River ..	2.29	0.55	29	6	..	Phillipsfield ..	..	..	..	..	..
Trout Hall ..	3.64	1.35	29	4	3.97	Bowden ..	0.21	0.21	19	1	..
James Hill ..	1.78	0.70	19	4	..	East Prospect ..	0.03	0.03	19	1	2.47
Frankfield ..	4.70	1.50	29	5	..	Morant Bay ..	0.00	..	..	..	1.77
WEST-CENTRAL DIVISION (W.C.)						Springfield ..	..	..	..	..	..
Mocho, Clarendon ..	3.68	2.10	30	3	3.67	Hall Head ..	..	..	..	..	..
Spaldings ..	4.47	1.80	27	5	..	Aeolus Valley ..	0.00	..	..	..	..
Brokenhurst ..	5.82	1.82	29	10	3.25	Yallahs ..	0.00	..	..	..	1.41
Shooters Hill ..	5.96	3.15	27	6	3.34	Easington ..	0.00	..	..	..	..
Lowe River ..	4.46	2.24	23	7	5.82	Norris ..	0.00	..	..	..	..
Christiana ..	2.90	1.66	29	6	4.84	Mavis Bank ..	0.62	0.52	29	2	..
Clifton Hill ..	5.60	1.35	27	8	..	Bull Bay ..	0.13	0.13	25	1	0.46
Kendal, Manchester	6.09	2.90	27	7	3.67	Bellevue ..	1.28	0.85	28	6	2.77
Batterssea ..	..	..	..	..	..	Gordon Town ..	1.44	0.72	29	7	1.73
Bleak House ..	7.26	1.90	24	9	..	Irish Town ..	0.93	0.40	22	5	2.80
Mereworth ..	5.94	1.62	29	9	..	Hope Gardens ..	1.46	1.05	15	4	2.02
Mandeville ..	6.80	1.45	29	9	4.57	Iver ..	1.17	0.69	15	6	..
Chudleigh ..	2.64	0.81	27	9	4.30	Lunatic Asylum ..	..	..	..	..	1.00
Ulster Spring ..	4.30	1.71	14	9	3.86	Plumb Point L. H.	0.04	0.04	10	1	0.96
Marshall's Pen ..	7.14	3.13	27	8	4.38	King's House Gar.	0.25	0.15	15	2	1.57
Albert Town ..	3.13	1.00	22	6	8.48	N.E. Kingston ..	0.23	0.25	15	2	1.12
Warsop ..	5.16	1.60	22	9	..	Upper Kingston ..	0.43	0.33	15	2	..
Troy ..	6.95	1.70	21	11	5.58	Kingston P.W.O.	0.42	0.42	15	1	1.02
						Half-way Tree ..	0.55	0.55	15	1	1.29
						Clifton Pen ..	0.59	0.59	15	1	1.25

STATION.	March, 1927.					STATION.	March, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I. . . . .	..	..	..	..	..	Great Valley, Man. . .	1.44	0.72	29	5	2.57
Quarantine Station . . .	0.06	0.06	15	1	0.96	Alligator Pond . . .	1.44	1.05	30	3	1.86
Cumberland Pen . . .	0.38	0.35	2	2	..	Fairfield . . .	3.58	1.00	29	13	4.06
Watson Grove . . .	0.23	0.23	2	1	..	Lititz . . .	4.10	2.00	29	9	2.45
Great Salt Pond . . .	..	..	..	..	..	Myersville . . .	3.50	0.94	29	10	..
Hematine . . .	0.80	0.31	29	3	..	Gilnock . . .	8.89	1.50	23	14	..
Spanish Town . . .	1.02	0.40	29	3	2.04	Southfield, St. Eliz. .	2.05	1.13	27	8	2.57
The Stewartry . . .	0.94	0.79	30	3	..	Bethlehem, St. Eliz. .	4.37	1.28	28	12	4.19
Hog Hole, St. Cath. . .	1.04	0.50	29	4	2.11	Torrington . . .	3.12	0.85	30	8	3.50
Hartlands . . .	0.00	..	..	..	1.85	Santa Cruz . . .	9.70	1.97	29	16	4.70
Amity Hall . . .	0.00	..	..	..	..	Pedro Plains . . .	2.01	0.61	30	10	1.77
Bushy Park . . .	0.03	0.03	31	1	..	Mountainside . . .	4.97	1.30	29	11	..
Old Harbour . . .	0.22	0.12	31	2	2.54	Fort Charles . . .	2.35	0.72	29	8	..
May Pen . . .	0.29	0.28	29	2	2.67	Black River . . .	2.74	0.93	17	7	2.64
Glen Muir . . .	..	..	..	..	..	Font Hill . . .	3.60	0.90	31	7	3.69
Dry River, Vere . . .	0.05	0.05	31	1	1.79	Mount Edgecombe . .	1.69	0.53	17	9	4.04
New Yarmouth . . .	0.16	0.16	30	1	1.41	Sweet River . . .	2.49	1.30	23	5	3.50
Cottage . . .	0.02	0.02	30	1	..	Windsor, Sav.-la-Mar .	..	..	..	..	..
Belle Plain . . .	1.87	1.65	29	3	..	Sav.-la-Mar . . .	0.96	0.52	22	4	2.78
Milk River . . .	0.00	..	..	..	1.90	Orchard . . .	1.24	0.46	30	7	4.41
Retrieve . . .	2.82	1.35	27	3	..	Little London . . .	0.93	0.71	30	3	..
Hog Hole, S. Man. . .	2.99	1.60	29	5	..	Retreat . . .	0.22	0.22	30	1	3.57
Stone's Hope . . .	2.60	0.91	29	7	2.84	Negril Point L.H. . .	0.13	0.05	15	4	2.59
Newport, Man. . .	3.69	1.00	29	12	3.37						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	March.	
	1927.	Average.
	In.	In.
North-Eastern Division . .	1.58	4.08
Northern . . .	0.88	2.42
West-Central . . .	4.33	4.34
Southern . . .	1.45	2.25
The Island . . .	2.06	3.42

SHOCKS OF EARTHQUAKE IN March, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
4	11.26 p.m.	II	Sav.-la-Mar
"	"	I	Negril Point Lighthouse
"	11.20 "	I	Kingston
Omitted Feb. 28	in February 10.00 p.m.	Weather Report: I	Kingston (slight)

THE ISLAND.

The Rainfall for the month was again below the average. The North-Eastern, Northern and Southern Divisions were very deficient, but the West Central Division had its average.

Most of the rain appears to have fallen during the latter part of the month, particularly on the 22nd and 29th.

The average number of rainy days was 5, 3, 8 and 4 in the North-Eastern, Northern, West Central and Southern Divisions, respectively, giving an average of 5 for the Island.

No rain fell at the following stations:—Priestman's River, Johnson River Bridge, Troja, Pear Tree Grove, Canaan, Grange, Success, Knollis, Golden Grove, Morant Bay, Aeolus Valley, Yallahs, Easington Norris, Hartlands, Amity Hall and Milk River.

The greatest total fall for the month was 10.68 ins. at Magotty in the West-Central Division, and the heaviest fall in 24 hours was 3.65 ins. at the same place on the 29th.

The mean rainfall in each parish is tabulated below:—

	Ins.		Ins.
Kingston	0.29	St. James	1.10
St. Andrew	1.31	Hanover	1.18
St. Thomas	0.09	Westmoreland	1.90
Portland	2.45	St. Elizabeth	5.20
St. Mary	1.80	Manchester	4.40
St. Ann	1.30	Clarendon	1.90
Trelawny	2.05	St. Catherine	0.78

AT KINGSTON.

For the month of March, the total rainfall was deficient, registering only 0.42 inch, or less than one-half of the 50-year normal, with one rainy day on 15th.

Rain was observed on the near-by hills, to the north, on 14th, to N.E., on 16th, 20th and 22nd. No local thunderstorm was observed during the month.

The mean daily miles of wind registered was 168, as compared with the normal of 185. The mean daily wind was again below the average, and still, probably owing to the continued deficiency of the usual south-easterly wind in the afternoons. South-east wind, however, continued late into the evenings of 8th, 9th, 10th, 21st and 22nd. There was a "norther" occurring between the 3rd and 4th at 18 miles per hour, and continued with a decreasing velocity until the forenoon of the 5th. The maximum miles of wind registered, in one day, was 282 on 4th, and the minimum 113 on 1st.

The mean barometric pressure was 29.984 ins., the normal being 29.965 ins. Highest barometer reading was 30.072 ins. on 5th at 3 p.m., and lowest 29.922 ins. on 13th at 7 a.m. (corrected for D.V.). The mean temperature was 75.9 degs.; the 33-year average being 76.5 degs. The first half of the month was 1.9 degs. lower than the second half, which was particularly noticed in the minimum temp. (or early morning temperature reading), attributable, no doubt, to the "northers" appearing during the earlier days of the month. Maximum temperature was below 90 degs. throughout, and the minimum temp. was below 70 degs. on 27 days. Highest maximum temperature was 88.1 degs. on 30th and lowest minimum 62.9 degs. on 6th. Mean relative humidity was 2% lower than the 33-year normal, owing, probably, to the rainfall deficiency. The mean 7 a.m. was 82%, and the mean 3 p.m. 59%. The lowest 7 a.m. was 73% on 4th, and the lowest 3 p.m. 46% on 6th.

Light haze was observed in the early mornings on 13 occasions.

It was over-cast on 14 days, particularly in the afternoons.

The total evaporation was 7.85 ins. for the month. Mean Solar Maximum temperature 138.1 degs. The extreme was 144.8 degs. on 3rd.

Rainfall for Upper Kingston was 0.43 inch with two rainy days.

Mean number of daily sunshine hours for the month was 10.6, owing to the small percentage of cloud.

A slight shock of earthquake was felt on 4th at 11.20 p.m. Direction S.E.-N.W., and the extreme horizontal movement 0.027 inch.

EVAPORATION.

Attached to this Report is a Table (A) giving the figures of the daily evaporation, for Kingston for the year 1926. The Evaporimeter has continued to be maintained at the same situation as that of 1924 (vide W.R. No. 570). From an inspection of this Table, it will be noted that the greatest evaporation occurred in the month of April, when 9.04 ins. was gauged, giving for that month a mean of 0.301 inch for the day. The least amount occurred in the month of November, when 4.52 ins. was recorded, with a daily mean of 0.154 inch.

The total evaporation for the year was 74.72 ins. about four inches less than that of 1925, giving a general monthly average of 6.23 ins., and a daily average of 0.205 inch. It may be noted that the rain-gauge, which is placed alongside the Evaporimeter, registered 24.22 ins. for the corresponding year. The total evaporation was, therefore, more than three times that of the year's rainfall. The figures for the maximum day's evaporation for each month, are shown in bolder-faced type in the respective columns of the Table. It will be seen that the greatest evaporation in a single day occurred on April 7th, when 0.45 inch was registered.

Daily measurements are being continued in the year 1927.

SOLAR MAXIMUM TEMPERATURE.

Table (B) gives the daily readings of the Solar Maximum Thermometer. The highest mean for a month was 140.7 degs. in the month of March. The previous year registered 143.9 degs. in the February mean. The mean for the year 1926 gives 137.0 degs. The extreme maximum for the year was 149.8 degs. on 19th February. The figures for the extreme maxima are shown in bolder-faced type, in the Table.

J. F. BRENNAN,
Government Meteorologist.

Kingston, April 20, 1927.

YEAR 1926.

TABLE (A.).—KINGSTON, JAMAICA.

Daily record of Evaporation in inches. Evaporimeter 8 inches in diam., 6 inches above ground level and 102 ft. above Sea-level (148½ East St.)

In Inches.

Date.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.17	0.13	0.17	0.37	0.30	0.19	0.18	0.10	0.31	0.18	0.15	0.17
2	0.07	0.21	0.06	0.32	0.40	0.22	0.25	0.09	0.02	0.20	0.21	0.16
3	0.21	0.21	0.22	0.35	0.27	0.27	0.31	0.29	0.12	0.01	0.10	0.14
4	0.13	0.20	0.08	0.35	0.19	0.17	0.38	0.14	0.24	0.23	0.16	0.02
5	0.21	0.17	0.22	0.32	0.24	0.22	0.23	0.29	0.18	0.11	0.18	0.03
6	0.22	0.08	0.14	0.34	0.24	0.16	0.21	0.34	0.08	0.15	0.13	0.15
7	0.20	0.05	0.18	0.45	0.19	0.22	0.25	0.28	0.10	0.09	0.20	0.20
8	0.27	0.04	0.18	0.39	0.31	0.28	0.24	0.20	0.18	0.22	0.22	0.12
9	0.30	0.25	0.26	0.42	0.19	0.26	0.27	0.15	0.02	0.16	0.24	0.15
10	0.14	0.18	0.23	0.27	0.29	0.21	0.22	0.14	0.06	0.22	0.11	0.19
11	0.22	0.15	0.19	0.39	0.23	0.06	0.18	0.30	0.33	0.19	0.15	0.16
12	0.20	0.24	0.27	0.33	0.23	0.24	0.23	0.18	0.09	0.17	0.20	0.14
13	0.22	0.13	0.22	0.26	0.24	0.14	0.28	0.22	0.22	0.15	0.13	0.17
14	0.15	0.26	0.33	0.23	0.27	0.24	0.08	0.34	0.20	0.17	0.22	0.15
15	0.17	0.29	0.20	0.18	0.08	0.20	0.35	0.28	0.29	0.19	0.19	0.17
16	0.09	0.10	0.19	0.35	0.14	0.16	0.01	0.21	0.20	0.15	0.15	0.15
17	0.29	0.14	0.21	0.30	0.28	0.27	0.37	0.04	0.21	0.02	0.18	0.13
18	0.09	0.17	0.29	0.31	0.31	0.30	0.29	0.36	0.16	0.15	0.15	0.06
19	0.22	0.27	0.37	0.36	0.23	0.11	0.35	0.28	0.28	0.18	0.15	0.19
20	0.09	0.27	0.12	0.27	0.15	0.24	0.26	0.10	0.11	0.13	0.11	0.05
21	0.28	0.12	0.18	0.18	0.38	0.22	0.24	0.14	0.14	0.18	0.03	0.23
22	0.18	0.19	0.22	0.17	0.27	0.15	0.18	0.16	0.07	0.20	0.05	0.17
23	0.24	0.29	0.31	0.14	0.24	0.23	0.27	0.09	0.03	0.16	0.09	0.18
24	0.20	0.22	0.30	0.26	0.19	0.18	0.26	0.23	0.10	0.23	0.15	0.17
25	0.33	0.31	0.29	0.40	0.18	0.20	0.29	0.19	0.27	0.15	0.17	0.12
26	0.20	0.16	0.34	0.37	0.16	0.33	0.02	0.30	0.12	0.15	0.16	0.17
27	0.16	0.26	0.34	0.23	0.21	0.21	0.32	0.21	0.19	0.11	0.20	0.17
28	0.37	0.13	0.24	0.32	0.23	0.21	0.28	0.23	0.12	0.12	0.16	0.29
29	0.40	..	0.35	0.17	0.16	0.22	0.13	0.29	0.11	0.15	0.16	0.10
30	0.26	..	0.43	0.24	0.19	0.22	0.31	0.25	0.22	0.19	0.07	0.23
31	0.23	..	0.37	..	0.12	..	0.11	0.23	..	0.12	..	0.15
Total	6.51	5.22	7.50	9.04	7.11	6.33	7.35	6.65	4.77	4.93	4.63	4.68
Means.	0.210	0.186	0.242	0.301	0.229	0.211	0.237	0.215	0.159	0.159	0.150	0.151

YEAR 1926.

TABLE (B.)—KINGSTON, JAMAICA.

Solar Maximum Temperature (in degs. Fah.).

Date.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.. 140.1	135.5	130.1	134.6	147.1	136.5	136.5	140.0	137.2	143.0	139.1	133.0
2	.. 125.6	137.0	145.6	137.2	141.0	136.0	133.0	135.4	140.4	144.8	137.3	135.7
3	.. 136.0	135.8	146.8	138.9	139.7	135.0	138.0	138.0	141.6	84.8	140.3	138.7
4	.. 138.7	139.5	133.5	142.2	138.2	138.1	137.5	137.0	145.3	143.0	138.5	119.8
5	.. 139.5	141.0	139.9	141.0	136.4	135.6	140.0	136.5	141.4	140.2	127.0	93.4
6	.. 137.4	136.1	139.0	138.4	136.8	135.5	135.5	134.5	143.2	139.7	138.0	138.8
7	.. 136.0	132.3	143.2	136.7	135.3	132.0	136.0	134.9	128.0	136.5	141.0	137.1
8	.. 140.0	116.5	140.2	137.5	139.7	138.1	141.5	143.0	140.2	142.0	140.0	138.4
9	.. 141.0	138.2	140.3	139.1	136.0	137.5	140.4	143.0	102.0	139.8	140.0	136.0
10	.. 137.4	134.7	142.9	138.1	138.0	138.2	137.5	139.5	140.2	142.5	140.2	135.0
11	.. 138.5	145.0	143.2	137.2	137.8	131.1	135.8	136.7	140.3	134.8	143.0	137.8
12	.. 141.3	138.0	142.0	137.5	137.0	137.6	131.1	144.4	137.0	132.0	138.8	140.2
13	.. 142.5	137.6	140.0	143.0	134.2	138.1	140.5	142.1	140.1	137.4	142.9	137.0
14	.. 140.0	136.0	145.0	141.9	137.3	136.0	137.9	134.0	139.5	143.7	138.5	137.1
15	.. 134.6	135.8	140.0	142.1	137.0	137.2	140.0	138.5	137.8	140.5	138.0	131.5
16	.. 138.7	141.4	141.0	141.8	128.0	136.5	107.3	141.1	138.8	140.0	141.8	136.0
17	.. 137.0	128.0	142.1	137.9	140.0	139.8	134.4	114.3	138.9	94.5	141.7	135.0
18	.. 137.5	137.6	144.8	141.5	137.0	134.0	141.2	137.2	135.0	136.8	137.8	139.2
19	.. 138.0	149.8	140.0	144.2	142.2	136.5	137.2	127.8	139.3	136.9	132.2	139.8
20	.. 143.2	139.9	143.0	141.4	134.0	137.4	139.8	135.0	132.4	135.5	128.7	137.2
21	.. 138.8	138.5	142.1	145.2	137.3	136.5	137.7	102.0	142.5	141.1	107.7	142.3
22	.. 139.8	135.1	142.4	139.2	137.0	137.1	139.0	132.0	114.8	138.5	83.0	138.1
23	.. 144.8	143.0	139.0	134.5	137.0	138.6	137.0	137.4	140.0	140.0	130.2	136.1
24	.. 137.7	138.0	139.0	142.4	134.7	136.6	139.9	129.8	86.8	138.3	133.8	136.8
25	.. 142.0	142.4	138.8	138.5	135.8	140.2	137.4	126.0	140.2	136.8	136.6	135.5
26	.. 140.5	142.8	138.0	136.5	136.3	137.9	110.5	136.7	139.3	143.0	142.5	141.5
27	.. 147.7	144.5	137.0	137.2	139.8	137.1	133.6	138.2	141.9	132.2	139.3	136.8
28	.. 138.8	144.9	140.3	139.0	136.0	136.0	140.5	139.0	143.8	139.8	140.0	134.2
29	.. 139.1	..	143.5	142.1	134.6	136.0	139.3	137.8	140.0	142.3	136.4	135.5
30	.. 139.9	..	139.5	145.0	131.0	135.9	134.8	138.8	142.5	140.4	136.8	138.0
31	.. 136.4	..	139.8	..	137.6	135.4	140.2	140.5	..	134.0	..	137.0
..
Means.	.. 138.9	138.0	140.7	139.7	137.1	136.6	135.9	135.5	135.7	136.1	135.0	135.1

No. 597.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF
APRIL, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.972	29.931	78.8	81.3	83.1	73.8	9.3	85.9	30	64.2	25	21.7
Kingston	24	29.945	29.895	72.5	82.6	86.3	69.3	17.0	89.3	27	67.0	18	22.3
Negril Pt. Light House	33	29.953	29.909	75.6	85.2	88.0	71.2	16.8	90.7	1	67.6	4	23.1
Castleton Gardens	496			67.2	79.5	83.4	66.3	17.1	89.0	27*	60.0	22	29.0
Hope Gardens†	668	29.963	29.894	66.3	82.5	86.8	64.6	22.2	90.0	25*	63.0	14	27.0
Stony Hill Indus. School	1,400			65.0	76.2	79.4	65.2	14.2	85.0	3*	64.0	13*	21.0
Hill Gardens	4,900	25.232	25.235	63.2	67.9	69.3	55.8	13.5	72.0	6*	53.0	8*	19.0

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
		ft.	°	%	°			%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	69.7	74	70.3	69	1.07	251	N.E.	9.5	N.E.	10.0	2.6	1.5	0.8	1.5	2.3	1.2
Kingston	24	66.1	80	69.0	64	0.90	160	N.N.E.	4.6	S.E.	12.7	0.8	0.9	1.3	3.4	2.5	0.8
Negril Point	33	66.7	74	67.9	56	1.10	209	N.E.	6.6	E.	11.2	0.6	1.1	2.5	1.3	5.0	1.5
Light House	33	66.7	74	67.9	56	1.10	209	N.E.	6.6	E.	11.2	0.6	1.1	2.5	1.3	5.0	1.5
Castleton Gdns.	496	65.4	94	72.3	79	7.55	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	60.6	82	74.1	76	3.39	..	..	..	..	..	..	..	..	..	..	..
Stony Hill																	
Indus. School	1,400	62.5	92	70.4	82	4.35	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	56.4	79	57.0	68	8.81	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

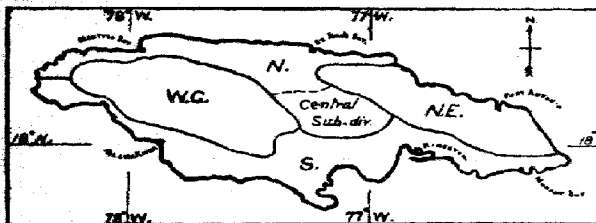
† Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



April, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)					
	In.	In.			In.
Manchioneal ..	2.18	0.55	23	7	7.87
Priestman's River ..	4.83	2.18	18	6	..
Fairy Hill ..	2.12	1.60	7	7	..
Bath ..	2.86	0.65	8	11	6.76
Millbank ..	19.52	5.94	18	15	..
Moore Town ..	17.01	5.11	17	11	11.76
Port Antonio ..	9.39	4.37	18	9	6.85
Passley Garden ..	6.30	2.30	18	11	..
Fellowship ..	16.39	9.52	17	12	10.29
Johnson River Br. ..	1.47	0.35	7	7	4.85
Trinity Ville ..	1.57	0.74	17	4	..
Shrewsbury ..	13.17	3.20	7	15	10.30
Hope Bay ..	10.85	2.52	17	14	..
Cedar Valley ..	2.45	1.71	17	3	4.54
Paradise ..	9.29	3.50	17	16	..
Lennox ..	13.36	3.52	17	12	..
Greenvale ..	21.33	6.30	17	17	10.01
Spring Garden ..	8.56	3.40	17	15	6.79
Hill Gardens ..	8.81	2.45	17	11	5.98
Buff Bay ..	8.98	3.11	17	12	7.06
Belvedere, Portland ..	7.75	2.50	17	12	..
Windsor Castle do ..	6.09	1.38	17	10	6.03
Balcarras ..	17.21	5.42	16	14	..
Mt. Holstein ..	3.79	1.50	14	6	6.91
Cedar Hurst ..	5.19	1.30	13	13	..
Hardware Gap ..	5.10	1.10	24	8	6.89
Rose Hill ..	6.57	2.32	24	11	8.62
Hermitage ..	4.96	1.92	17	6	..
Stony Hill Ind. Schl. ..	4.35	1.35	14	9	5.49
Iter Boreale ..	3.39	1.04	18	10	..
Enfield ..	9.08	2.60	17	15	..
Agualta Vale ..	2.29	0.76	16	9	5.34
Castleton Gardens..	7.55	3.35	17	11	6.61

STATION.	April, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
N.E. Div., contd.					
Water Valley	4.44	1.59	17	12	4.96
Lawrence Tavern	6.42	1.52	17	6	4.65
Platfield	0.51			1	4.39
Richmond, St. Mary	5.25	2.38	16	18	4.95
Quebec, St. Mary	4.39	1.68	17	9	3.84
Zion Hill	6.75	2.00	30	8	
Carew Castle	4.75	1.86	17	9	5.06
Hampstead, St. Mary	3.63	1.14	17	13	6.51
Windsor Castle do	6.44	1.90	16	10	
Troja	3.18	1.50	16	7	
Pear Tree Grove	4.39	2.37	16	5	
Guys Hill	4.20	1.60	16	8	
Lucky Hill	3.57	0.89	17	17	6.01
Rio Hoe	3.28	1.10	17	10	4.62
Unity Valley	4.49	2.74	23	13	5.01
Moneague	4.10	1.02	23	14	4.69
Claremont	4.95	1.32	27	10	4.17
Averham Park	2.15	0.71	17	8	5.00
Albion	5.72	2.76	27	15	4.65
NORTHERN DIVISION (N.)					
Port Maria	1.92	0.90	17	5	4.36
Sand Hill	2.96	1.00	14	5	
Eden Park	2.73	0.76	21	13	
Oracabessa	2.29	0.50	21	11	
New Ramble					2.92
Ocho Rios	2.37	1.14	17	7	3.90
Bogue, Ocho Rios	1.25	0.45	17	6	6.27
Drax Hall	2.10	1.11	18	4	3.77
Rockfield	1.81	0.46	17	10	6.52
Liberty Hill	1.87	1.00	18	6	5.10
St. Ann's Bay	1.83	0.95	18	6	4.16
Seville	1.49	0.94	18	2	3.79
Richmond Estate	1.30	0.78	17	6	3.95
Llandovery	1.83	1.40	18	7	3.73
Runaway Bay	0.80	0.80	18	1	
Knapdale	3.69	1.64	17	11	
Alexandria	3.14	0.98	27	7	
Brown's Town	3.39	2.27	28	10	3.95
Watt Town, St. Ann	3.01	1.28	18	3	
Home Castle	1.70	0.95	18	3	3.19
Richmond Pen	0.65	0.30	24	4	4.98
Bryan Castle	0.60	0.25	18	4	2.44
Braco	0.10	0.05	21	2	2.34
Arcadia	1.18	0.80	18	4	2.63
Vale Royal	1.10	0.90	18	3	3.03
Harmony Hall	0.30	0.20	15	2	2.24
Colchis Pen	2.21	1.07	28	7	3.16
Duncans	0.46	0.32	16	2	
Clark's Town	1.49	0.75	18	5	
Carey Park	0.57	0.34	16	3	
Falmouth	0.87	0.57	30	4	1.25
Canaan	1.00	1.00	30	1	4.08
Grange	0.00				
Success	0.20	0.20	15	1	2.10

* Gauge overflowed.

STATION.	April, 1927.					STATION.	April, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Rose Hall ..	0.40	0.40	15	1	1.98	Wallingford ..	5.35	1.03	16	16	9.26
Cinnamon Hill ..	0.10	0.10	15	1	2.00	Balaclava ..	4.30	1.50	28	8	10.10
Tryall ..	0.50	0.20	22	3	3.39	Deeside ..	2.87	1.60	30	6	..
Running Gut ..	0.30	0.30	15	1	1.96	Magotty ..	7.65	1.92	17	11	10.06
Spring Estate ..	0.20	0.20	15	1	2.07	Lacovia ..	5.01	1.12	13	9	..
Friendship ..	1.15	0.56	30	4	..	Kempshot ..	2.07	0.55	14	6	5.45
Retirement ..	1.67	0.75	30	5	..	Garlands ..	7.21	2.32	25	10	..
Belfield ..	2.77	1.38	30	5	2.85	Mocho, St. James ..	6.81	2.20	21	11	..
Montego Bay ..	0.45	0.33	30	5	3.41	Bandon Pen ..	4.00	1.26	30	4	..
King's Gate ..	0.89	0.35	28	4	4.77	Springfield, St. Eliz.	9.84	2.50	23	16	..
Blue Hole ..	1.20	0.52	23	3	..	Cambridge, St. Jas.	3.47	0.90	23	13	7.02
Kew ..	0.80	0.80	13	1	4.43	New Market ..	8.80	1.35	13	16	9.84
Lucea ..	0.62	0.30	22	5	4.01	Kew Park ..	3.05	1.20	1	9	8.21
Haughton Court ..	0.78	0.30	30	4	3.72	Montpelier ..	..	..	..	..	..
Cousins Cove ..	0.23	0.22	14	2	..	The Bog ..	7.62	1.40	14	16	10.99
Green River ..	3.54	1.65	22	5	..	Bethel Town ..	4.48	0.81	14	14	..
Green Island ..	0.34	0.34	14	1	..	Burnt Ground ..	4.66	1.23	24	10	6.07
Haughton Hall ..	1.36	0.90	24	7	..	Haughton Grove ..	..	..	..	..	6.90
CENTRAL SUB-DIVISION.						Darliston ..	7.48	1.69	1	13	11.31
Knollis ..	3.75	0.90	24	17	..	Knockalva ..	2.88	0.79	23	8	6.66
Highgate ..	2.22	0.74	17	6	..	Ramble ..	4.55	1.29	22	9	..
Rio Magno ..	3.09	1.35	16	7	..	Bluesfields ..	..	..	..	..	7.81
Riversdale ..	4.21	1.52	23	6	..	Whithorn ..	5.82	2.73	18	5	7.31
Headworks, R.C.C.	0.96	0.39	21	4	3.71	Water Works Pen ..	5.26	1.91	18	9	7.75
Berkshire Hall ..	5.35	2.21	23	4	4.15	Askenish ..	5.25	2.25	24	8	..
Bog Walk ..	0.86	0.28	8	4	..	Grange Hill ..	5.29	1.56	18	13	6.50
Linstead ..	4.52	1.04	28	10	4.74	King's Vale ..	2.36	0.92	22	7	5.97
Cave Valley ..	4.32	0.91	18	9	4.78	SOUTHERN DIVISION (S.)					
Point Hill ..	2.85	0.95	28	10	6.38	Morant Point L. H.	1.07	0.42	7	8	3.63
Bellas Gate ..	0.75	0.35	24	3	..	Golden Grove ..	..	..	..	..	..
Croft Hill ..	2.28	1.48	23	4	4.67	Pleasant Hill ..	0.74	0.40	8	6	..
Chapelton ..	3.10	1.52	23	9	4.04	Phillipsfield ..	0.74	0.25	9	5	..
Crooked River ..	6.09	3.70	23	8	..	Bowden ..	1.19	0.29	8	8	..
Trout Hall ..	3.05	1.82	23	5	6.10	East Prospect ..	3.01	1.50	18	8	5.43
James Hill ..	3.30	1.90	23	7	..	Morant Bay ..	0.62	0.20	17	6	3.27
Frankfield ..	3.79	1.50	23	6	..	Aeolus Valley ..	1.56	0.50	16	4	..
WEST-CENTRAL DIVISION (W.C.)						Yallahs ..	0.80	0.30	17	4	..
Mocho, Clarendon ..	4.21	2.60	24	5	5.54	Easington ..	0.68	0.18	17	4	2.23
Spaldings ..	1.68	0.62	9	6	..	Norris ..	0.79	0.39	8	4	..
Brokenhurst ..	4.69	0.90	18	12	5.76	Mavis Bank ..	2.27	1.30	17	7	..
Shooters Hill ..	3.08	1.46	23	7	5.14	Bull Bay ..	0.00	..	..	..	1.21
Lowe River ..	2.82	2.20	24	5	9.11	Bellevue ..	2.83	1.26	17	11	2.73
Christiana ..	3.85	0.85	22	12	7.49	Gordon Town ..	2.98	1.20	16	9	3.46
Clifton Hill ..	7.64	3.30	15	9	..	Irish Town ..	4.02	1.20	17	9	4.58
Kendal, Manchester	5.15	1.93	15	12	6.97	Hope Gardens ..	3.39	1.23	17	7	2.97
Battersea ..	..	..	..	..	..	Iver ..	1.62	0.67	9	6	..
Bleak House ..	5.73	1.68	15	11	..	Plumb Point L. H.	0.09	0.05	8	2	1.23
Mereworth ..	5.63	1.49	23	11	..	King's House Gar.	3.56	1.24	14	4	2.64
Mandeville ..	7.49	2.03	15	13	5.98	N.E. Kingston ..	0.59	0.27	17	6	2.34
Chudleigh ..	4.92	1.59	25	15	7.08	Upper Kingston ..	1.64	1.33	17	6	..
Ulster Spring ..	3.88	0.80	13	9	7.36	Kingston P.W.O.	0.90	0.71	17	5	1.24
Marshall's Pen ..	6.48	2.23	15	11	6.74	Half-way Tree ..	1.73	0.69	8	5	2.00
Albert Town ..	4.14	1.90	24	4	7.62	Clifton Pen ..	1.30	0.51	8	3	2.19
Warsop ..	8.18	1.85	24	12	..						
Troy ..	4.30	1.60	18	7	9.32						

STATION.	April, 1927.					STATION.	April, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I. . . . .			..	..		Great Valley, Man.	2.59	0.50	18	9	4.22
Quarantine Station	0.22	0.11	17	4	1.93	Alligator Pond	3.13	0.73	11	6	3.36
Cumberland Pen	1.53	0.80	18	3	..	Fairfield	4.63	0.96	9	14	6.08
Watson Grove . . . . .	..	..	..	..	..	Lititz	5.92	2.60	23	11	4.64
Great Salt Pond	2.37	1.80	24	4	..	Myersville	5.69	1.38	23	7	..
Hematine	2.65	1.14	16	6	..	Gilnock	10.12	3.40	16	14	..
Spanish Town	2.34	1.15	16	5	2.48	Southfield, St. Eliz.	3.63	0.97	9	7	3.61
The Stewartry	1.22	0.43	12	7	..	Bethlehem, St. Eliz.	9.06	2.77	17	13	6.36
Hog Hole, St. Cath.	1.21	0.72	11	5	3.04	Torrington	7.24	2.82	17	9	4.61
Hartlands	2.40	0.85	17	4	3.35	Santa Cruz	8.93	2.40	17	4	9.25
Amity Hall	2.32	1.22	17	6	..	Pedro Plains	2.85	1.06	23	8	2.40
Bushy Park	1.27	0.85	17	4	..	Mountainside	3.65	0.95	16	8	..
Old Harbour	0.40	0.40	17	1	3.01	Fort Charles	2.10	1.24	17	4	..
May Pen	4.53	1.24	17	8	3.11	Black River	2.45	0.75	9	8	4.20
Glen Muir	2.60	1.40	17	2	..	Font Hill	4.15	1.10	3	8	4.46
Dry River, Vere	3.46	1.43	17	6	3.05	Mount Edgecombe	3.89	0.83	14	4	5.51
New Yarmouth	4.07	1.22	23	5	2.73	Sweet River	3.66	1.20	2	7	5.78
Cottage	2.27	1.56	16	3	..	Sav.-la-Mar	1.77	1.30	2	4	5.21
Belle Plain	3.87	1.15	23	6	..	Orchard	2.68	1.75	2	5	6.06
Milk River	3.11	..	..	4	2.62	Little London	1.68	0.99	2	6	..
Retrieve	1.55	0.69	16	6	..	Retreat	2.59	0.73	22	8	5.02
Hog Hole, S. Man.	1.33	0.35	9	5	..	Negril Point L.H.	1.10	0.46	2	6	2.92
Stone's Hope	3.99	0.81	18	10	4.57						
Newport, Man.	6.13	2.50	23	10	5.41						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	April.	
	1927.	Average.
	In.	In.
North-Eastern Division	6.42	6.21
Northern	1.60	3.34
West-Central	4.85	7.06
Southern	3.00	3.50
The Island	3.97	5.03

SHOCKS OF EARTHQUAKE IN April, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
None Reported			

THE ISLAND.

The North-eastern Division had slightly over its average, but the rainfall for the month was deficient in the other Divisions, particularly the Northern and West-central. It was, however, fairly well distributed, as the average number of rainy days was 10, 5, 10, and 6 in the North-eastern, Northern, West-central and Southern Divisions respectively, giving an average of 8 for the Island.

The heaviest precipitation appears to have taken place in the middle of the month, particularly on the 17th and 18th.

No rain fell at Grange in the Northern Division and Bull Bay in the Southern Division.

The greatest total fall for the month was 21.33 ins., at Greenvale in the North-Eastern Division, and the heaviest fall in 24 hours was 9.52 ins., at Fellowship, in the same Division, on the 17th.

The mean rainfall in each parish is tabulated below:—

	Ins.		Ins.
Kingston	0.81	St. James	1.84
St. Andrew	3.75	Hanover	2.19
St. Thomas	1.40	Westmoreland	3.92
Portland	10.17	St. Elizabeth	5.93
St. Mary	4.38	Manchester	4.59
St. Ann	2.66	Clarendon	3.43
Trelawny	2.20	St. Catherine	2.70

AT KINGSTON.

For the month of April, 1927, the total rainfall was again deficient shewing only 0.90 inch with five rainy days, representing about 72% of the 50-year normal. The greatest fall in 24 hours was 0.71 inch on 17th. Rain was observed on the nearby hills on 4 days to north, 2 days to north-east, and one day each to east, south-east and north-west.

The mean of the daily miles of wind registered was 160, shewing again, a deficiency on the 20-year normal of 186, attributable to a continued decrease of the usual south-easterly wind in the afternoons. The maximum number of miles of wind in one day was 265 on 5th, and the minimum 103 on 16th. South-easterly wind, however, continued until late into the evenings of 1st, 9th, 29th, and 30th.

Distant thunder-storms were noticed on 16th, 17th, 18th and 28th, and distant lightning on the night of the 2nd.

The mean barometric pressure was 29.928 inches; the normal being 29.941 ins. Highest barometer reading was 29.983 ins. on 8th at 3 p.m., and lowest 29.851 ins. on 10th at 10 p.m. (corrected for D.V.). The mean temperature was 77.2 degs.; the 33-year normal being 78.2 degs. The first half of the month was 1.2 deg. cooler than the second half. This lower temperature was particularly marked in the forenoon observations. Maximum temp. was below 90 degs. throughout, and the minimum temp. was below 70 degs. on 22 days. Highest max. temperature was 89.3 degs. on 27th, and the lowest minimum temp. 67.0 degs. on 12th and 18th. The mean relative humidity was equal to the 33-year normal. The mean 7 a.m. was 80% and the mean 3 p.m. 64%. Lowest 7 a.m. was 69% on 4th, and lowest 3 p.m. 47% on 12th.

The sky was overcast on 11 days, for the most part in the afternoons. And slight haze was observed in the early mornings of 10 days.

The rainfall for the upper boundary of Kingston was 1.64 inch, with 6 rainy days.

Fine solar halos were visible on 22nd, 25th, 29th, and 30th, lasting many hours on 30th.

The mean number of daily sunshine hours was 9.6.

The total evaporation for the month was 7.52 inches. Mean solar maximum temperature 136.9 degs., and the extreme 143.0 degs. on 9th.

J. F. BRENNAN,
Government Meteorologist.

Kingston, May, 1927.

N.B.—It is particularly requested that all Rainfall Postcards be sent in not later than the 5th of each month.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MAY, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.978	29.947	80.9	83.2	84.9	77.0	7.9	86.3	16	70.2	4	16.1
Kingston	24	29.952	29.904	76.7	83.9	88.4	72.0	16.4	90.9	11	69.7	4	21.2
Negril Pt. Light House	33	29.960	29.924	78.1	85.9	89.6	72.2	17.4	94.4	14	69.4	9	25.0
Castleton Gardens	496			69.9	79.7	84.4	68.8	15.6	90.0	12*	67.0	9*	23.0
Hope Gardens†	668	29.982	29.903	73.4	83.4	87.5	66.8	20.7	90.0	12	63.0	16	27.0
Stony Hill Indus. School	1,400			66.2	76.3	79.7	65.2	14.5	85.0	23	64.0	7*	21.0
Hill Gardens	4,900	25.282	25.250	63.8	66.4	68.7	57.4	11.3	73.0	6	56.0	4*	17.0

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.		3 p.m.			
	ft.	°	%	°	%	in.	Mis.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	73.3	78	73.5	73	6.88	303	E.N.E	11.0	N.E	10.5	2.8	1.7	1.5	3.0	1.6	1.4
Kingston	24	69.0	77	71.6	67	1.47	199	N.N.E	4.9	S.E	16.7	0.5	0.7	2.0	4.0	2.6	1.4
Negril Point Light House	33	69.2	74	72.1	64	6.79	188	N.E	7.5	S.E	9.3	0.9	0.8	3.2	1.9	6.2	0.4
Castleton Gdns.	496	68.1	94	73.8	82	8.73	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	68.0	83	72.9	71	4.28	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	63.3	90	71.0	84	12.77	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	60.4	89	62.0	86	5.40	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

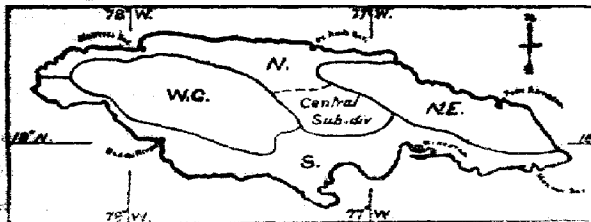
† Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



May, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN					
DIVISION (N.E.)	In.	In.			In.
Manchioneal	15.34	10.60	3	13	14.53
Priestman's River	11.50	5.60	3	12	..
Fairy Hill	13.25	4.60	3	19	..
Bath	10.45	5.95	3	20	13.08
Millbank	5.35	5.11	3	10	..
Moore Town	15.68	5.09	3	20	18.97
Port Antonio	12.44	1.96	12	19	15.62
Passley Garden	11.81	2.47	3	23	..
Fellowship	14.77	2.09	11	21	18.54
Johnson River Br.	7.43	5.10	3	9	9.97
Trinity Ville	6.53	4.64	3	7	..
Shrewsbury	..	..	..	..	14.84
Hope Bay	15.53	3.47	3	23	..
Cedar Valley	5.77	5.19	3	3	9.75
Paradise	20.54	2.54	20	23	..
Lennox	24.40	4.80	2	20	..
Greenvale	7.75	1.62	3	14	9.75
Spring Garden	18.25	4.15	2	23	8.98
Hill Gardens	5.40	1.57	3	12	10.43
Buff Bay	21.95	3.53	3	16	8.49
Belvedere, Portland	16.70	3.00	3	20	..
Windsor Castle do	15.69	3.10	3	17	5.64
Balcarres	7.61	2.45	27	11	..
Mt. Holstein	11.16	2.95	28	11	9.29
Cedar Hurst	11.09	2.48	17	19	..
Hardware Gap	14.00	3.50	17	17	11.42
Rose Hill	13.22	3.17	17	17	11.02
Hermitage	7.30	1.46	17	11	..
Stony Hill Ind. Schl.	12.77	2.75	17	14	9.82
Iter Boreale	13.86	3.62	9	21	..
Enfield	11.45	2.06	6	18	..
Agualta Vale	11.48	2.25	9	21	6.19
Castleton Gardens	8.73	1.90	22	21	12.07

STATION.	May, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
N.E. Div., <i>contd.</i>					
Water Valley	9.48	1.66	9	18	7.73
Lawrence Tavern	6.59	2.00	3	7	9.34
Platfield	7.41			6	9.96
Richmond, St. Mary	7.52	1.26	19	24	7.66
Quebec, St. Mary	13.21	2.04	10	18	6.92
Zion Hill	22.02	3.00	31	18	
Carew Castle	16.25	2.22	26	18	9.70
Hampstead, St. Mary	10.90	2.32	9	25	8.38
Windsor Castle do	8.56	1.65	24	11	
Troja	8.30	1.23	15	16	
Pear Tree Grove	11.22	3.79	29	19	
Guys Hill	7.73	1.85	12	13	
Lucky Hill	7.16	1.23	6	17	8.91
Rio Hoe	7.82	1.45	28	12	8.18
Unity Valley	8.72	1.21	28	17	9.97
Moneague	10.34	1.24	12	16	8.37
Claremont	9.45	3.10	27	15	7.14
Averham Park	7.23	2.02	27	16	7.53
Albion	11.72	1.78	12	11	8.37
NORTHERN DIVISION (N.)					
Port Maria	10.85	2.32	2	13	6.70
Sand Hill	3.81	1.21	4	5	
Eden Park	9.32	1.46	19	13	
Oracabessa	9.87	2.00	19	13	
New Ramble	8.74	1.50	21	11	
Ocho Rios	7.25	1.30	19	12	5.80
Bogue, Ocho Rios	6.53	0.75	10	17	5.99
Drax Hall	6.74	1.52	26	14	7.06
Rockfield	5.53	1.10	2	16	7.56
Liberty Hill	5.23	1.02	26	10	4.88
St. Ann's Bay	4.52	0.75	26	17	5.69
Seville	4.73	1.23	26	12	6.68
Richmond Estate	4.97	0.90	9	17	6.75
Llandoverly	7.10	1.70	9	12	6.65
Runaway Bay	1.79	0.89	9	4	
Knapdale	7.53	2.59	8	15	
Alexandria	10.77	2.20	16	13	
Brown's Town	6.48	1.95	27	14	6.96
Watt Town, St. Ann	8.89	2.18	2	9	
Home Castle	2.20	0.45	14	12	
Richmond Pen	1.10	0.50	23	5	7.65
Bryan Castle	2.10	0.40	7	9	5.23
Braco	1.59	0.45	28	9	4.57
Arcadia	2.08	0.36	29	15	5.04
Vale Royal	2.57	0.50	20	12	
Harmony Hall	2.33	0.65	14	11	4.68
Colchis Pen	6.06	1.80	23	15	6.63
Duncans	3.21	0.49	28	8	
Clark's Town	3.28	0.69	5	8	
Carey Park	1.88	0.60	1	10	
Falmouth	1.42	0.55	1	13	4.82
Canaan	6.04	1.15	31	12	7.80
Grange	4.17	1.50	26	4	
Success	3.60	1.05	26	6	4.51

STATION.	May, 1927.					STATION.	May, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I.	2.19	1.69	3	2		Great Valley, Man.	2.95	0.94	1	6	6.86
Quarantine Station	1.65	1.29	8	4	4.31	Alligator Pond	1.64	0.70	3	5	5.62
Cumberland Pen						Fairfield	3.77	1.80	24	13	8.13
Watson Grove	2.43	2.20	3	2		Lititz	1.43	0.56	2	6	6.98
Great Salt Pond	2.78	1.70	2	4		Myersville	4.07	1.64	24	6	
Hematine	5.00	2.22	2	5		Gilnock	7.37	2.92	16	9	
Spanish Town	4.87	2.40	2	6	6.21	Southfield, St. Eliz.	3.64	1.05	4	8	7.99
The Stewartry	8.87	3.84	3	5		Bethlehem, St. Eliz.	3.49	1.18	24	9	7.82
Hog Hole, St. Cath.	7.63	3.24	2	7	7.16	Torrington	3.31	1.18	2	8	7.06
Hartlands	7.73	4.88	2	3	6.00	Santa Cruz	8.25	1.47	17	11	12.01
Amity Hall	8.07	3.95	1	7		Pedro Plains	2.36	1.05	2	6	3.81
Bushy Park	7.98	3.80	1	8		Mount inside	2.22	0.72	2	5	
Old Harbour	13.66	6.58	1	5	6.08	Fort Charles	1.46	0.83	20	3	
May Pen	4.65	1.00	3	5	7.21	Black River	4.31	1.80	7	13	6.89
Glen Muir	3.35	1.40	3	3		Font Hill	7.00	2.00	26	13	7.78
Dry River, Vere	4.34	1.37	2	6	5.61	Mount Edgecombe	11.65	3.53	26	22	8.29
New Yarmouth	3.32	1.39	2	4	5.50	Sweet River	13.93	2.30	28	23	9.71
Cottage	2.85	1.23	2	3		Sav.-la-Mar	14.30	3.00	28	22	8.52
Belle Plain	4.91	1.56	1	8		Orchard	11.26	2.21	12	22	9.02
Milk River	1.70	0.80	4	4	6.45	Little London	11.06	2.10	7	19	
Retrieve	2.17	0.85	2	3		Retreat	9.98	2.00	3	14	8.88
Hog Hole, S. Man.	6.11	2.30	1	5		Negril Point L.H.	6.79	1.23	26	23	6.19
Stone's Hope	3.39	1.28	1	6	9.06						
Newport, Man.	2.60	1.00	2	9	8.64						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	May.	
	1927.	Average.
	In.	In.
North-Eastern Division	11.13	10.39
Northern	5.66	6.95
West-Central	12.91	12.38
Southern	5.44	6.78
The Island	8.78	9.12

SHOCKS OF EARTHQUAKE IN May, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
None Reported			

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

In the North-eastern and West-central Divisions the Rainfall for the month was above the average, but there was a deficiency in the Northern and Southern Divisions.

The greatest precipitation appears to have been during the early part of the month, particularly on the 3rd: but the rainfall was well distributed, as the average number of rainy days was 16, 13, 19 and 8 in the North-eastern, Northern, West-central and Southern Divisions respectively, giving an average of 14 for the Island.

The greatest total fall for the month was 24.40 ins. at Lennox in the North-eastern Division: and the heaviest fall in 24 hours was 10.60 ins. at Manchioneal, in the same Division, on the 3rd.

The Mean Rainfall in each Parish is tabulated below:

	Ins.		Ins.
Kingston	1.56	St. James	6.80
St. Andrew	6.29	Hanover	13.41
St. Thomas	7.40	Westmoreland	14.33
Portland	14.46	St. Elizabeth	8.04
St. Mary	9.57	Manchester	4.71
St. Ann	7.07	Clarendon	6.31
Trelawny	6.34	St. Catherine	9.47

On the whole the rainfall total showed a small deficiency of about 4% below the normal.

During the night of 11th-12th high wind occurred in the Annotto Bay District (St. Mary) causing some damage to banana cultivation. There was, also, high wind reported around Catadupa (St. James) on 31st with losses to bananas.

AT KINGSTON.

For the month of May, 1927, the total rainfall was again deficient shewing only 1.47 inch, or about one-third of the 59-year normal. There were 9 rainy days in all. Greatest fall in 24 hours was 1.02 inch on 3rd. Rain observed on the nearby hills on 9 days to north, 6 days to north-east, one day to east and 4 days to north-west.

The mean of the daily miles of wind registered was 199, shewing, again, a deficiency upon the 20-year average of 208, but it was not so marked as in the preceding months. Maximum miles of wind in one day 343 on 4th, which was for the greater part south-easterly, and a minimum of 112 on 3rd. South-easterly wind continued until late into the evenings on 8 occasions, and commenced early on 4 days.

Distant thunderstorms were noted on 11 days to north, 1 day to east, and 3 to north-west, and was very vivid to the north-west on 26th from about 7.30 p.m. to about 10 p.m.

The mean barometric pressure was 29.933 ins. The 33-year normal being 29.910 ins. Highest barometer reading was 29.991 ins. on 13th at 7 a.m., and the lowest 29.859 ins. on 28th at 7 a.m. (corrected for D.V.). The mean temperature was 79.7 degs. which corresponds with the 33-year normal. The first half of the month differed from the second half by less than 0.1 deg. Maximum temperature was below 90 degs. on 25 days, and the minimum was below 70 degs. on one day. Highest maximum temp. 90.9 degs. on 11th, and lowest minimum 69.7 degs. on 4th. The mean relative humidity was 76%, or one per cent. below the 33-year normal. The mean 7 a.m. was 77%, and the mean 3 p.m. 67%. Lowest 7 a.m. 69% on 11th, and lowest 3 p.m. 51% on same day.

The sky was overcast on 8 days, particularly in the afternoons. Haze was perceptible in the early mornings of 9 days.

The rainfall for the upper boundary of Kingston was 1.82 inch, with 10 rainy days.

Mean number of daily Sunshine hours 9.1.

Solar Halos were visible on 1st, 6th, and 22nd and a Lunar Halo on 12th.

Total evaporation for the month was 5.67 inches. Mean Solar maximum temperature 133.8 degs., and the extreme 140.2 degs. on 11th.

J. F. BRENNAN,
Government Meteorologist,

Kingston, June 20, 1927.

No. 599.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JUNE, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

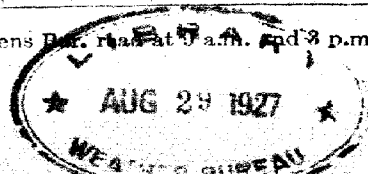
METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.992	29.965	81.5	82.9	85.5	78.1	7.4	87.1	22	75.0	16	12.1
Kingston	24	29.963	29.921	76.1	85.9	88.9	73.5	15.4	91.4	29	70.5	29	20.9
Negril Pt. Light House	33	29.971	29.937	78.3	83.7	88.3	72.7	15.6	92.5	28	68.8	1	23.7
Castleton Gardens	496			71.0	81.9	86.6	70.0	16.6	92.0	17	67.0	28	25.0
Hope Gardens†	668	29.976	29.915	74.1	85.3	89.2	69.7	19.5	92.0	25	68.0	1*	24.0
Stony Hill Indus. School	1,400			67.4	78.9	81.9	65.0	16.9	86.0	16	63.0	29	23.0
Hill Gardens	4,900	25.293	25.283	64.0	68.0	71.6	59.4	12.2	78.0	29	57.0	28	21.0

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.			Amount of Cloud. Lower, Middle and Upper.						
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.		3 p.m.			
		°	%	°	%				m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	73.9	78	74.6	76	2.79	277	E.N.E.	15.0	E.	12.0	3.0	1.2	1.3	3.0	0.9	1.7
Kingston	24	69.0	78	70.4	61	0.38	236	N.E.	5.3	S.E.	19.2	0.4	1.4	2.2	1.8	2.5	1.7
Negril Point Light House	33	70.5	77	73.4	71	2.40	187	N.E.	6.6	E.	10.9	0.9	0.4	5.6	1.7	6.0	1.0
Castleton Gdns.	496	69.2	94	75.6	81	5.17	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	68.3	82	71.6	64	1.98	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	64.0	89	70.8	76	3.09	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	60.2	87	60.8	78	2.16	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

† Hope Gardens Bar. read at 7 a.m. and 3 p.m.

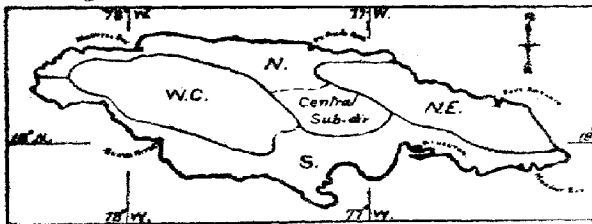


THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



June, 1927.

STATION.	Total Fall.		Greatest fall in 24 hours.		Days on which 0.01 or more fell.		Average.	
	In.	In.	Amount.	Date.	Days on which 0.01 or more fell.	Average.	In.	In.
N.E. Div., contd.								
Castleton Gardens	5.17	1.20	30	14	9.37			
Water Valley	1.65	0.37	6	7	4.28			
Albany	1.75	0.53	1	9				
Lawrence Tavern	0.60	0.60	11	1	6.77			
Platfield					7.40			
Richmond, St. Mary	2.84	0.60	12	12	5.34			
Quebec, St. Mary	1.93	0.63	5	8	5.36			
Zion Hill	7.19	1.50	3	9				
Carew Castle	6.56	1.85	6	9	9.10			
Hampstead, St. Mary	2.60	0.53	12	12	4.47			
Windsor Castle do	8.40	2.78	18	18				
Troja	4.54	0.70	24	13				
Pear Tree Grove	5.74	2.17	12	10				
Guys Hill	4.92	1.35	7	10				
Lucky Hill	4.71	1.79	7	17	4.32			
Rio Hoe	3.96	1.26	7	6	8.29			
Unity Valley	4.35	1.14	6	16	8.18			
Moneague	4.14	0.92	6	10	7.96			
Claremont	3.40	1.42	15	9	5.66			
Averham Park	3.44	0.65	15	10	5.62			
Albion	3.51	1.22	6	12	6.43			
NORTHERN DIVISION (N.)								
Port Maria	3.02	2.05	5	7	5.44			
Sand Hill								
Eden Park	2.37	0.75	5	11				
Oracabessa	2.79	1.65	5	5				
New Ramble					6.64			
Huddersfield	1.83	1.04	5	4				
Ocho Rios	2.48	0.85	7	4	3.94			
Bogue, Ocho Rios	6.88	4.08	7	8	4.52			
Drax Hall					4.73			
Rockfield	4.01	1.10	12	8	3.73			
Liberty Hill	5.32	1.70	6	7	4.35			
St. Ann's Bay	5.11	2.03	7	8	4.03			
Seville					4.51			
Richmond Estate	5.33	1.04	7	7	4.54			
Llandoverly					4.26			
Runaway Bay	1.64	0.61	5	5				
Knapdale	3.57	1.07	6	10				
Alexandria	3.76	1.45	30	7				
Brown's Town	2.31	0.78	6	10	4.00			
Watt Town, St. Ann	3.23	2.00	30	3				
Home Castle	0.65	0.30	6	5	3.94			
Richmond Pen	0.65	0.30	30	4	5.03			
Bryan Castle	1.50	1.10	6	4	3.30			
Braco	1.10	0.80	6	4	2.93			
Arcadia	2.32	0.93	6	5	4.00			
Vale Royal	2.25	1.05	6	5	4.35			
Harmony Hall					2.82			
Colchis Pen	5.39	2.20	11	12	1.59			
Duncans	2.16	1.25	6	7				
Clark's Town	3.16	1.00	6	6				
Carey Park	1.04	0.87	5	3				
Falmouth	1.86	0.91	6	9	2.55			
Canaan	4.59	2.05	8	10	7.02			
Grange	0.70	0.60	27	2				
Success	0.70	0.55	6	2	2.44			
NORTH-EASTERN DIVISION (N.E.)								
Manchioneal	1.97	0.62	1	13	9.37			
Priestman's River								
Fairy Hill	9.70	1.20	26	23				
Bath	8.24	1.52	15	22	12.16			
Millbank	15.76	4.22	5	20				
Moore Town	12.19	4.10	7	17	21.77			
Port Antonio	6.21	1.69	6	14	16.68			
Passley Garden	7.56	1.59	6	25				
Fellowship	14.30	2.47	6	17	20.08			
Johnson River Br.	7.49	2.30	6	17	13.68			
Trinity Ville	7.05	2.95	6	12				
Shrewsbury	7.90	3.00	15	14	11.98			
Hope Bay	8.34	2.26	15	22				
Cedar Valley	5.05	1.55	15	7	14.86			
Moy Hall	4.22	1.30	15	13				
Paradise								
Lennox	8.75	2.35	15	13				
Greenvale	3.18	1.32	15	8	4.80			
Spring Garden	4.86	1.70	15	15	6.53			
Hill Gardens	2.16	0.80	15	8	7.62			
Buff Bay	5.95	1.57	15	13	7.50			
Belvedere, Portland	2.36	0.55	4	7				
Windsor Castle do	4.45	1.50	16	9	5.95			
Balcarres	2.77	1.00	15	10				
Mt. Holstein	2.52	0.75	3	6	6.43			
Cedar Hurst	1.74	0.36	5	11				
Hardware Gap	2.65	0.50	15	9	7.12			
Rose Hill	3.89	0.86	6	10	6.40			
Hermitage	3.15	0.90	1	12				
Stony Hill Ind. Schl.	3.09	1.05	2	10	7.18			
Iter Boreale								
Enfield	3.40	0.74	15	12				
Agualta Vale	2.61	0.75	30	12	3.59			

STATION.	June, 1927.					STATION.	June, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Rose Hall ..	0.85	0.45	6	3	3.05	Troy ..	8.03	1.67	30	8	8.12
Cinnamon Hill ..	0.95	0.50	6	3	3.10	Wallingford ..	7.06	2.10	11	11	5.74
Tryall ..	1.05	0.45	7	4	6.84	Balaclava ..	4.93	1.30	11	8	4.84
Running Gut ..	0.60	0.30	6	3	3.11	Appleton ..	5.38	1.31	1	12	..
Spring Estate ..	1.05	0.75	7	3	2.95	Deeside ..	5.73	1.87	6	12	..
Friendship ..	3.69	0.92	15	14	..	Magotty ..	6.93	1.90	4	10	6.51
Retirement ..	2.41	1.02	12	12	..	Lacovia ..	..	..	..	..	..
Belfield ..	3.03	1.30	12	9	4.19	Ipswich ..	7.50	2.30	4	14	..
Montego Bay ..	3.35	1.30	27	11	6.44	Kempshot ..	3.46	0.60	12	15	8.71
King's Gate ..	0.89	0.24	30	8	7.64	Garlands ..	7.36	2.28	24	14	..
Blue Hole ..	6.87	2.00	6	11	..	Mocho, St. James ..	8.08	1.62	11	14	..
Kew ..	12.50	3.05	19	18	8.37	Bandon Pen ..	8.25	1.54	30	12	..
Lucea ..	7.25	1.64	7	15	8.28	Springfield, St. Eliz.	5.23	1.57	4	12	..
Haughton Court ..	..	..	..	..	8.40	Catadupa ..	7.73	1.63	30	14	..
Cousins Cove ..	16.02	2.68	6	19	..	Cambridge, St. Jas.	6.45	1.46	30	19	10.59
Green River ..	8.82	2.86	27	13	..	New Market ..	5.84	1.00	4	12	8.25
Green Island ..	8.88	2.07	6	16	..	Kew Park ..	6.92	2.23	30	13	9.26
Haughton Hall ..	6.78	1.42	6	18	..	Montpelier ..	5.49	1.64	6	10	..
CENTRAL SUB-DIVISION.						The Bog ..	5.31	0.80	5	16	9.00
Knollis ..	2.59	0.75	11	14	..	Bethel Town Dist.	..	..	..	..	..
Highgate ..	4.09	1.58	11	11	..	Burnt Ground ..	5.83	2.11	30	14	10.81
Rio Magno ..	5.41	1.34	6	9	..	Haughton Grove ..	..	..	..	..	8.88
Riversdale ..	4.57	1.05	14	13	..	Darliston ..	9.82	1.25	29	16	10.43
Headworks, R.C.C.	0.57	0.37	1	2	5.45	Knockalva ..	8.10	0.91	30	20	10.16
Berkshire Hall ..	5.42	1.25	13	8	8.34	Ramble ..	9.65	2.00	6	19	..
Bog Walk ..	2.87	1.30	1	7	..	Bluefields ..	..	..	..	..	10.50
Linstead ..	3.51	1.12	8	13	7.89	Whithorn ..	5.58	1.50	23	12	9.97
Cave Valley ..	3.31	1.14	11	8	7.43	Water Works Pen ..	7.28	1.87	23	16	9.69
Point Hill ..	2.54	0.57	30	13	9.99	Askenish ..	8.65	1.90	18	12	..
Bellas Gate ..	0.27	0.15	1	2	..	Grange Hill ..	10.21	3.66	23	17	10.80
Croft Hill ..	4.57	1.45	2	8	4.60	King's Vale ..	11.39	3.91	27	15	12.27
Suttons ..	1.23	0.60	1	5	..	SOUTHERN DIVISION (S.)					
Chapelton ..	2.24	0.62	25	10	6.79	Morant Point L. H.	2.79	0.88	15	16	6.21
Crooked River ..	1.77	0.74	5	7	..	Golden Grove ..	..	..	..	..	..
Trout Hall ..	..	..	..	..	6.37	Pleasant Hill ..	4.89	1.15	15	16	..
James Hill ..	2.23	0.70	10	9	..	Phillipsfield ..	3.72	1.19	15	19	..
Frankfield ..	2.46	0.76	30	5	..	Bowden ..	5.30	1.30	15	19	..
WEST-CENTRAL DIVISION (W.C.)						East Prospect ..	9.50	1.71	15	24	7.78
Mocho, Clarendon ..	2.14	0.80	5	5	8.15	Morant Bay ..	6.16	1.45	6	21	8.71
Clarendon Park ..	2.41	1.30	2	5	..	Aeolus Valley ..	6.00	1.70	6	13	..
Spaldings ..	2.22	0.52	6	7	..	Yallahs ..	4.35	1.00	15	13	..
Williamsfield ..	2.49	0.47	12	12	..	Easington ..	6.28	1.80	6	18	8.69
Brokenhurst ..	3.14	0.81	15	9	11.50	Norris ..	7.69	1.99	6	15	..
Shooters Hill ..	1.68	0.43	24	10	5.54	Mavis Bank ..	1.27	0.44	24	3	..
Lowe River ..	1.51	0.73	11	5	6.22	Bull Bay ..	0.70	0.70	6	1	4.99
Christiana ..	2.01	0.28	23	12	6.88	Bellevue ..	2.11	0.84	12	6	4.12
Clifton Hill ..	2.53	1.40	15	5	..	Gordon Town ..	1.35	0.54	2	6	5.18
Kendal, Manchester	1.50	0.53	7	6	8.30	Irish Town ..	1.39	0.34	15	5	5.10
Battersea ..	..	..	..	..	..	Hope Gardens ..	1.98	1.10	2	8	5.22
Bleak House ..	2.25	0.56	12	9	..	Iver ..	1.96	0.51	5	10	..
Mereworth ..	4.51	1.20	15	10	..	Plumb Point L. H.	0.50	0.28	15	4	4.38
Mandeville ..	2.47	0.92	15	11	8.83	King's House Gar.	1.70	1.30	2	2	4.63
Chudleigh ..	..	..	..	..	5.60	N.E. Kingston ..	0.93	0.31	12	7	3.92
Ulster Spring ..	3.21	0.71	11	14	6.29	Upper Kingston ..	0.79	0.26	15	8	..
Marshall's Pen ..	2.17	1.03	15	7	7.03	Kingston P.W.O.	0.38	0.18	12	5	4.10
Greenvale ..	0.67	0.22	16	6	..	Half-way Tree ..	3.02	2.40	2	8	3.93
Albert Town ..	3.50	1.15	30	5	5.77	Clifton Pen ..	1.41	0.66	2	4	5.01
Warsop ..	6.37	1.91	10	12	..						

STATION.	June, 1927.					STATION.	June, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION. <i>contd.</i>	In.	In.			In.	SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.
Farm I.	1.11	0.45	3	3	..	Great Valley, Man. . .	1.77	0.55	16	8	7.15
Quarantine Station . .	1.12	0.09	2	2	3.52	Alligator Pond . . .	1.74	0.50	30	5	4.59
Cumberland Pen . . .	..	..	..	..	..	Fairfield	1.84	0.44	15	11	6.44
Watson Grove	0.92	0.65	3	2	..	Lititz	1.19	0.36	2	6	2.24
Great Salt Pond . . .	0.48	0.48	2	1	..	Myersville	1.78	0.57	30	6	..
Hematine	0.77	0.51	2	5	..	Gilnock	1.61	0.80	11	6	..
Spanish Town	0.80	0.50	2	4	4.71	Southfield, St. Eliz. .	2.30	0.85	30	5	3.40
The Stewartry	0.21	0.16	24	2	..	Bethlehem, St. Eliz. .	3.51	1.38	2	10	4.23
Hog Hole, St. Cath. .	0.50	0.50	2	1	5.24	Torrington	2.24	0.90	2	6	3.5
Hartlands	0.65	0.58	2	2	5.72	Santa Cruz	4.77	2.40	30	7	5.82
Amity Hall	1.13	0.69	2	7	..	Pedro Plains	1.62	0.47	2	6	3.69
Bushy Park	1.41	0.94	2	5	..	Mountainside	3.79	1.50	5	8	..
Old Harbour	0.98	0.59	1	4	6.32	Fort Charles	1.55	0.67	2	4	..
May Pen	1.04	0.27	12	10	6.25	Black River	2.53	0.91	5	8	3.82
Glen Muir	0.00	..	..	..	..	Font Hill	3.75	1.50	11	7	5.14
Dry River, Vere . . .	1.34	0.49	11	5	4.39	Mount Edgecombe . .	2.66	0.64	5	11	6.35
New Yarmouth . . . .	..	..	..	..	5.71	Sweet River	3.93	1.05	23	9	7.11
Cottage	2.99	1.15	11	8	..	Sav.-la-Mar	6.10	1.63	23	14	6.38
Belle Plain	1.78	0.65	2	4	..	Orchard	4.08	1.00	23	13	7.00
Milk River	2.18	0.71	11	4	6.37	Little London	3.63	1.26	23	10	..
Retrieve	3.32	0.80	15	6	..	Retreat	3.94	1.58	23	7	7.10
Hog Hole, S. Man. . .	3.13	1.00	15	6	..	Negril Point L.H. . .	2.40	1.10	5	13	5.49
Stone's Hope	3.13	1.17	15	9	8.63						
Newport, Man. . . .	3.02	0.97	15	11	8.45						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	June.	
	1927.	Average.
	In.	In.
North-Eastern Division . .	4.61	8.66
Northern	3.12	5.25
West-Central	5.25	8.95
Southern	2.50	5.85
The Island	3.87	7.18

SHOCKS OF EARTHQUAKE IN June, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
13th	9.19 p.m.	I	Unity Valley
"	"	I	Norris
"	"	I	Kingston

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The Mean Rainfall for the Island was deficient in all the Divisions, being little more than half the average.

The average number of rainy days was 12, 8, 12 and 8 in the North-Eastern, Northern, West-Central and Southern Divisions, respectively, giving an average of 10 for the Island.

The greatest total fall for the month was 16.02 ins. at Cousins Cove in the Northern Division, and the heaviest fall in 24 hours was 4.22 ins. at Millbank on the 5th.

No rain fell at Glen Muir in the Southern Division.

High winds and thunderstorms were experienced at several stations throughout the Island during the month. Hail fell at Darliston on the 30th. At Grange Hill on the 23rd, 3.60 ins. of rain fell between 2 and 4 p.m. during a thunderstorm.

The Mean Rainfall in each Parish is tabulated below:—

	Ins.		Ins.
Kingston	0.65	St. James	3.53
St. Andrew	2.02	Hanover	9.03
St. Thomas	5.92	Westmoreland	5.99
Portland	6.70	St. Elizabeth	3.87
St. Mary	3.22	Manchester	2.41
St. Ann	3.55	Clarendon	2.04
Trelawny	3.28	St. Catherine	2.59

The total Rainfall for the first half of the year is given below, and shews a deficiency of 5.71 ins. as compared with the 50-year average.

	1927 Ins.	50-year average. Ins.
January	4.84	4.10
February	2.68	3.06
March	2.06	3.42
April	3.97	5.03
May	8.78	9.12
June	3.87	7.18
Totals	26.20	31.91

The Northern and Southern Divisions had only a little over 17 and 16 ins., respectively, out of averages of about 24 and 22 ins.; but the North-Eastern and West-Central Divisions had respectively 93% and 83% of their averages.

AT KINGSTON.

The rainfall for the month was remarkably deficient, shewing only 0.38 inch, as against the normal of 4.10 ins., representing one-eleventh of the 50-year average. The greatest fall in 24 hours was 0.18 inch on 12th, with 5 rainy days. Rain was observed on the nearby hills on 4 days to north, one day to north-east, 5 days to east, 1 day to south-east and 2 days to north-west.

The aggregate rainfall for the past six months amounted to only 4.26 inches as compared with the 50-year normal of 12.31 inches, shewing a deficiency of 8.05 inches.

The means of the daily miles of wind registered was 236, which may be regarded as up to the 20-year normal of 239. Maximum number of miles of wind in one day was 351 on 17th, and the minimum 109 on 3rd. South-easterly wind commenced early on 3 days and continued late into the evenings on 16 occasions, particularly between the 10th and 29th. A south-east gale of 40 miles per hour, of short duration, occurred on 24th at about 11 a.m. Rain-squalls on 12th at 9 a.m., and on 15th upon 4 occasions.

Distant thunderstorms were observed to northward on 1st, 2nd, 8th, 19th and 30th.

The mean barometric pressure was 29.949 ins. the normal being 29.932 ins. Highest barometer reading was 30.000 ins. on 23rd at 7 a.m., and lowest 29.871 ins. on 11th 3 p.m. (corrected for D.V.). The mean temperature, based upon four observations per day, was 80.7 degs.; the 33-year normal being 80.9 degs. The first half of the month was 0.5 deg. lower than the second half. This lower temperature was particularly marked in the maximum and 3 p.m. observations. The maximum temperature was below 90 degs. on 21 days, and the minimum temp. was above 70 degs. throughout. Highest maximum temp. was 91.4 degs. on 29th, and lowest minimum was 70.5 degs. on 29th. The mean relative humidity was 73%, or 3% below the 33-year normal. The mean 7 a.m. was 78%, and mean 3 p.m. 61%. Lowest 7 a.m. humidity was 68% on 29th, and lowest 3 p.m. 44% on 28th.

The sky was overcast on 10 days, particularly in the afternoons. Haze was observed on 17 days in the early forenoon.

The rainfall for the upper boundary of Kingston was 0.79 inch, with 8 rainy days.

The mean number of daily sunshine hours was 9.9.

The total Evaporation for the month was 5.64 inches. Mean Solar maximum temperature 132.5 degs., and the extreme 137.2 degs. on 10th.

A slight shock of earthquake was felt on 13th at 9.19 p.m.

J. F. BRENNAN,
Government Meteorologist.

Kingston, July 18, 1927.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JULY, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.			
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.
	ft.	in.	in.	°	°	°	°	°	°		°	°
Morant Pt. Light House	8	39.005	29.980	82.0	84.6	86.2	78.0	8.2	88.0	29	72.2	30
Kingston	24	29.979	29.935	76.1	86.2	89.5	73.5	16.0	92.4	21	70.6	7
Negril Pt. Light House	33	29.986	29.959	77.2	84.4	89.0	72.3	16.7	93.6	6	69.6	18
Castleton Gardens	496			70.7	80.9	86.4	69.4	17.0	92.0	9*	67.0	4
Hope Gardens†	668	30.002	29.939	74.5	86.1	90.1	70.4	19.7	93.0	1*	68.0	18
Stony Hill Indus. School	1,400			67.8	77.7	82.1	64.9	17.2	89.0	11	64.0	3*
Hill Gardens	4,900	25.309	25.300	64.0	67.7	72.9	59.4	13.5	76.0	26*	58.0	7*

STATIONS.	Elevation.	Dew Point and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.			Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.	3 p.m.		7 a.m.		3 p.m.			
	ft.	°	%	°	%	in.	Mls.		m.	m.		L.	M.	U.	L.	M.	U.
Morant Point Light House	8	74.0	77	73.9	70	4.89	288	E.N.E	14.0	E.N.E	13.0	3.1	1.3	2.0	2.4	1.5	1.8
Kingston	24	69.2	79	71.9	63	3.41	225	N.E	5.5	S.E	18.5	1.1	1.3	2.5	2.3	2.1	2.2
Negril Point Light House	33	71.7	83	75.3	74	8.93	169	N.E	6.7	E.	9.2	1.0	0.6	5.8	1.6	6.6	0.4
Castleton Gdns.	496	68.9	94	75.8	85	11.65	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69.5	84	72.7	65	5.51	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	65.1	91	72.3	84	7.24	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	59.5	85	62.8	84	5.86	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

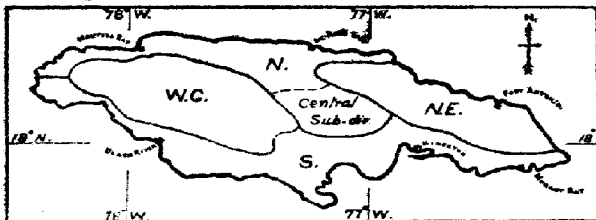
† Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



July, 1927.

STATION.	Total Fall.		Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Amount.	Date.	Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)						
Manchioneal	7.22	1.80	30	10	6.21	
Priestman's River	12.42	1.90	26	18		
Fairy Hill	10.22	2.05	19	17		
Bath	8.76	2.00	12	19	8.76	
Millbank	22.40	3.64	12	17		
Moore Town	18.88	5.00	12	17	17.72	
Port Antonio	15.22	3.11	30	18	10.84	
Passley Garden	9.80	1.90	12	24		
Fellowship	20.84	3.33	12	17	15.06	
Johnson River Br.	10.46	2.80	12	16	7.03	
Trinity Ville	7.54	3.72	12	11		
Shrewsbury	9.80	2.10	11	17	9.29	
Hope Bay	10.43	1.80	11	19		
Cedar Valley	7.03	4.50	12	6	4.79	
Moy Hall	7.54	5.00	12	12		
Paradise	9.25	2.00		16		
Lennox	8.22	2.68	11	18		
Greenvale	5.98	2.60	11	8	3.73	
Spring Garden	5.51	2.40	12	14	5.49	
Hill Gardens	5.86	2.86	12	8	3.64	
Buff Bay	6.67	1.50	11	14	6.93	
Belvedere, Portland	4.68	2.13	11	7		
Windsor Castle do					3.98	
Balcarras	5.77	2.30	26	5		
Mt. Holstein	7.38	2.48	19	8	5.24	
Cedar Hurst	7.02	1.12	26	12		
Hardware Gap	8.32	2.80	12	9	4.19	
Rose Hill	8.42	3.21	12	12	5.92	
Hermitage	6.77	2.58	12	11		
Stony Hill Ind. Schl.	7.24	3.14	12	15	5.16	
Iter Boreale	2.24	2.00	12	8		
Enfield	3.74	1.56	11	9		
Aqualta Vale	6.92	3.72	12	13	3.62	
NORTHERN DIVISION (N.)						
Port Maria	7.05	2.80	12	15	4.05	
Sand Hill						
Eden Park	7.81	2.10	12	16		
Oracabessa	6.71	2.15	12	10		
New Ramble	7.80	2.50	12	6	2.87	
Huddersfield	5.76	1.60	12	6		
Ocho Rios	4.90	2.54	13	6	2.24	
Bogue, Ocho Rios	6.84	1.60	8	6	2.89	
Drax Hall	5.58	1.95	13	8	2.89	
Rockfield	5.22	1.16	12	14	3.39	
Liberty Hill	4.40	1.40	11	8	2.33	
St. Ann's Bay	5.92	2.30	8	14	3.01	
Seville	4.71	1.65	8	8	2.53	
Richmond Estate	2.97	1.23	12	9	2.31	
Llandoverly	3.40	2.00	12	6	2.09	
Runaway Bay	2.28	1.04	12	4		
Knapdale	3.42	1.63	12	9		
Alexandria	7.54	3.00	30	10		
Brown's Town	4.98	1.53	30	9	2.55	
Watt Town, St. Ann	4.00	1.80	30	3		
Home Castle	6.00	1.55	12	8	2.20	
Richmond Pen	1.10	0.40	30	6	3.12	
Bryan Castle	3.50	1.25	12	8	1.83	
Braco	2.35	0.90	13	6	1.65	
Arcadia	4.26	1.35	15	9	2.22	
Vale Royal	3.95	1.60	15	9	2.76	
Harmony Hall					1.55	
Colchis Pen	4.38	1.47	30	14	3.04	
Duncans	2.42	1.00	7	6		
Clark's Town	4.19	2.00	30	9		
Carey Park	2.97	1.06	8	9		
Falmouth	2.65	0.88	12	9	1.54	
Canaan	7.37	2.00	14	11	4.47	
Grange	2.45	0.90	13	5		
Success	2.25	0.80	12	5	1.49	

STATION.	July, 1927.					STATION.	July, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Rose Hall	1.75	0.80	12	5	1.29	Troy	9.82	2.30	30	11	6.93
Cinnamon Hill	1.65	0.70	12	5	1.34	Wallingford	9.76	2.27	30	13	5.44
Tryall	4.00	1.50	30	7	4.92	Balaclava	9.82	3.10	30	11	4.67
Running Gut	2.40	0.80	30	5	1.38	Appleton	10.41	2.85	12	17	..
Spring Estate	3.20	1.10	30	7	1.87	Deeside	6.25	1.66	14	10	..
Friendship	5.81	1.72	30	12	..	Magotty	12.18	3.42	13	13	8.41
Retirement	6.48	2.15	14	13	..	Lacovia	8.89	2.36	30	9	..
Belfield	5.02	1.98	14	9	2.90	Ipswich	15.73	1.66	17	26	..
Montego Bay	3.60	0.90	30	12	3.46	Kempshot	6.34	1.27	23	16	5.88
King's Gate	0.85	0.15	30	11	4.69	Garlands	11.24	2.53	22	14	..
Blue Hole	8.37	2.15	30	13	..	Mocho, St. James	8.84	1.75	6	13	..
Kew	4.10	1.70	28	11	5.35	Bandon Pen	6.02	1.46	22	11	..
Lucca	3.44	0.70	14	10	5.43	Springfield, St. Eliz.	14.12	3.30	22	14	..
Haughton Court	2.82	1.25	28	5	4.97	Catadupa	6.59	1.27	27	14	..
Cousins Cove	9.82	2.44	28	15	..	Cambridge, St. Jas.	11.42	1.90	30	21	10.37
Green River	..	..	..	..	..	New Market	12.75	3.24	22	22	7.53
Green Island	6.85	1.18	28	18	..	Kew Park	10.04	1.95	30	18	10.00
Haughton Hall	7.53	1.44	31	19	..	Montpelier	..	..	..	..	..
CENTRAL SUB-DIVISION.						The Bog	12.55	2.75	22	21	9.25
Knollis	10.44	2.80	12	14	..	Bethel Town Dist.	11.82	2.00	30	17	..
Highgate	10.14	2.93	12	15	..	Burnt Ground	..	..	..	..	9.01
Rio Magno	9.22	2.80	11	11	..	Haughton Grove	..	..	..	..	8.46
Riversdale	9.99	2.08	23	17	..	Darliston	11.39	1.51	27	16	11.25
Headworks, R.C.C.	2.80	2.11	12	3	3.34	Knockalva	7.54	2.00	30	17	8.28
Berkshire Hall	11.32	2.08	11	10	4.84	Ramble	6.61	1.36	30	18	..
Bog Walk	2.73	2.30	11	14	..	Bluefields	..	..	..	..	9.68
Linstead	7.90	1.72	12	19	6.21	Whithorn	9.41	2.43	30	18	10.36
Cave Valley	6.26	2.25	30	11	4.66	Water Works Pen	8.63	1.87	30	21	9.14
Point Hill	7.29	2.16	4	15	6.72	Askenish	7.34	1.24	31	10	..
Bellas Gate	2.12	1.12	12	4	..	Grange Hill	8.49	0.99	1	22	11.58
Croft Hill	2.22	1.49	12	5	3.10	King's Vale	7.84	1.40	23	18	10.46
Suttons	..	..	..	..	..	SOUTHERN DIVISION (S.)					
Chapelton	6.06	1.65	17	13	3.35	Morant Point L. H.	4.89	1.85	12	16	3.40
Crooked River	6.85	3.85	12	13	..	Golden Grove	..	..	..	..	..
Trout Hall	7.38	2.80	12	10	5.02	Pleasant Hill	5.77	2.30	12	15	..
James Hill	4.11	1.20	12	9	..	Phillipsfield	5.38	1.94	12	16	..
Frankfield	5.09	1.40	12	9	..	Bowden	4.84	1.92	12	13	..
WEST-CENTRAL DIVISION (W.C.)						East Prospect	5.68	3.21	12	16	5.19
Mocho, Clarendon	4.28	2.00	12	9	3.39	Morant Bay	6.22	3.02	12	16	5.61
Clarendon Park	2.39	1.29	12	5	..	Aeolus Valley	8.64	3.00	12	17	..
Spaldings	4.54	1.75	12	10	..	Yallahs	4.20	1.93	12	12	..
Williamsfield	9.78	4.05	12	18	..	Easington	6.47	2.59	12	18	5.43
Brokenhurst	5.69	2.23	12	7	5.23	Norris	7.63	3.18	12	11	..
Shooters Hill	11.60	4.78	12	18	5.20	Mavis Bank	5.46	4.30	12	5	..
Lowe River	3.74	1.36	13	9	4.16	Bull Bay	1.90	1.90	12	1	2.09
Christiana	4.04	1.54	12	15	4.40	Bellevue	6.41	5.18	12	11	2.04
Clifton Hill	12.15	5.30	12	13	..	Gordon Town	3.78	2.80	12	7	2.49
Kendal, Manchester	10.74	4.20	12	18	5.52	Irish Town	4.70	2.00	12	7	1.62
Battersea	..	..	..	..	..	Hope Gardens	5.51	4.05	12	12	2.59
Bleak House	8.93	4.68	12	15	..	Ivor	5.43	2.49	14	10	..
Mereworth	..	..	..	..	..	Plumb Point L. H.	4.10	3.70	12	4	1.86
Mandeville	9.70	4.91	12	17	5.44	King's House Gar.	2.70	1.80	12	3	2.61
Chudleigh	..	..	..	..	4.27	N.E. Kingston	5.22	3.57	12	5	1.21
Ulster Spring	3.37	0.79	12	14	5.12	Upper Kingston	5.00	3.94	12	4	..
Marshall's Pen	9.01	4.64	12	12	5.05	Kingston P.W.O.	3.41	2.78	12	4	1.62
Greenvale	2.28	1.26	12	9	..	Half-way Tree	2.63	2.10	12	7	1.59
Albert Town	4.21	0.60	7	8	4.90	Clifton Pen	3.08	2.85	12	3	1.32
Warsop	4.71	1.21	30	9	..	..	..	..	..	..	..

STATION.	July, 1927.					STATION.	July, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I.	3.45	3.10	11	3	..	Great Valley, Man.	3.93	2.05	12	6	3.11
Quarantine Station . . .	3.27	3.27	12	1	0.91	Alligator Pond . . .	2.96	1.58	12	4	2.26
Cumberland Pen . . . .	..	..	..	..	..	Fairfield	5.07	2.92	12	14	2.58
Watson Grove	4.64	4.05	12	3	..	Lititz	2.23	1.20	12	6	1.52
Great Salt Pond	4.10	4.10	12	1	..	Myersville	3.85	2.81	12	7	..
Hematine	3.62	3.31	12	5	..	Gilnock	7.38	4.46	12	7	..
Spanish Town	4.19	3.77	12	5	2.10	Southfield, St. Eliz.	4.32	2.01	12	8	1.88
The Stewartry	3.67	2.45	12	5	..	Bethlehem, St. Eliz.	4.41	1.27	12	10	2.90
Hog Hole, St. Cath. . . .	3.92	2.66	12	5	2.40	Torrington	2.80	1.50	12	7	2.35
Hartlands	3.50	3.20	12	4	0.98	Santa Cruz	9.57	2.91	12	6	9.02
Amity Hall	3.29	3.00	12	4	..	Pedro Plains	4.64	3.75	12	8	1.56
Bushy Park	3.09	2.90	12	4	..	Mountainside	5.51	1.80	29	7	..
Old Harbour	2.83	1.60	12	5	2.23	Fort Charles	2.12	1.70	12	3	..
May Pen	3.53	3.04	12	3	3.04	Black River	7.07	3.40	12	9	4.70
Glen Muir	1.60	1.60	12	1	..	Font Hill	7.20	3.10	12	8	5.46
Dry River, Vere	1.66	1.25	12	3	1.43	Mount Edgecombe . .	11.59	2.67	6	19	6.96
New Yarmouth . . . . .	..	..	..	..	1.98	Sweet River	6.02	0.90	26	18	7.61
Cottage	1.45	1.10	12	2	..	Sav.-la-Mar	5.85	1.88	24	13	6.19
Belle Plain	2.45	1.20	12	6	..	Orchard	6.29	1.21	24	20	7.71
Milk River	2.50	1.87	12	5	2.03	Little London	6.26	1.13	22	17	..
Retrieve	2.59	1.48	12	5	..	Retreat	9.65	2.62	22	18	7.54
Hog Hole, S. Man. . . .	7.07	4.52	12	6	..	Negril Point L.H. . .	8.93	2.16	17	21	5.70
Stone's Hope	5.98	2.16	12	10	6.36						
Newport, Man.	5.17	2.00	12	12	3.54						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	July.	
	1927.	Average.
	In.	In.
North-Eastern Division . . .	8.27	5.68
Northern	4.46	3.22
West-Central	8.57	7.52
Southern	4.90	3.18
The Island	6.55	4.90

SHOCKS OF EARTHQUAKE IN July, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
29th	9.10 p.m.	I.	Belle Vue

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The Mean Rainfall was, for the first time since January, above the average, which was exceeded in all the Divisions.

The greatest precipitation appears to have occurred on the 12th but the rainfall was well distributed as the average number of rainy days was 12, 10, 14, and 8 in the North-eastern, Northern, West-Central and Southern Divisions respectively, giving an average of 11 for the Island.

The greatest total fall was 22.40 ins., at Milbank in the North-eastern Division and the heaviest fall in 24 hours was 5.30 ins., at Clifton Hill in the West-Central Division on the 12th.

Hail fell at Darliston on the 21st and 30th. At Bellevue, St. Andrew, 3.33 ins. of rain fell in 1 hour 40 mins. on the 12th and on the 11th, 4.10 ins. fell in 3 hours at Great Salt Pond, St. Catherine. There was an East Gale at Morant Point Lighthouse on the 12th.

A bright Lunar Rainbow was observed at Kingston at 2 a.m. on the 12th and a Lunar Halo was observed at Kempshot at 5 a.m. on the 16th.

The Mean Rainfall in each parish is tabulated below:—

Ins.			Ins.		
Kingston	..	4.43	St. James	..	5.12
St. Andrew	..	5.20	Hanover	..	6.44
St. Thomas	..	6.74	Westmoreland	..	8.98
Portland	..	10.41	St. Elizabeth	..	7.74
St. Mary	..	6.41	Manchester	..	6.86
St. Ann	..	5.33	Clarendon	..	3.48
Trelawny	..	4.18	St. Catherine	..	6.08

AT KINGSTON.

For the month of July, the total rainfall exceeded that of the normal and represented a little over double the 50-year Average. The greatest fall in 24 hours was 2.78 ins. on 12th. Rain was observed on the nearby hills on 5 days to northward, 2 days to north-east, 1 day to east, 2 days to south-east, 1 day to south and two days to north-west.

The rainfall for the upper boundary of Kingston was 5.00 ins., with four rainy days.

South-easterly wind was early on 31st, and continued until late into the evenings on 10 occasions. The mean daily miles of wind was 225 and the 20-year normal 227. Maximum miles of wind in one day was 350 on 31st and minimum 110 on 18th. A south easterly squall, nearly of gale force, occurred on 12th, at 3.45 p.m., during a heavy rainfall.

The mean barometric pressure was 29.969 ins., the 33-year normal being 29.960 ins. Highest barometer reading 30.031 ins. on 26th at 7 a.m. and the lowest 29.895 ins. on 20th at 3 p.m. (corrected for D.V.). The mean temperature was 0.6 deg. below the 33-year normal. The first half of the month was 0.3 deg. lower than the second half. Maximum temperature was below 90 degs. on 18 days, and the minimum temp. was above 70 degs. throughout. Highest maximum temp. 92.4 degs. on 21st, lowest minimum temp. 70.6 degs. on 7th. Mean relative humidity was 75% or 1% above the 33-year normal. Mean 7 a.m. 79%, mean 3 p.m. 63%. Lowest 7 a.m. 68% on 3rd, and lowest 3 p.m. 54% on 21st.

Distant thunderstorms were observed to northward on 4th, 5th, 6th, 12th, 14th, 15th, 22nd, 24th and 30th. To north east on 19th and 22nd. To east on 27th and 30th, and to south-east on 12th. Frequent distant lighting noted (particularly at nights). Very vivid displays occurred towards the north and north east during the early morning of 10th, lasting several hours. Also during the early morning of 31st, around the north-east quadrant.

The sky was overcast in the forenoon on eleven occasions and during the afternoons on eighteen occasions. The month's cloudiness was somewhat above normal.

A lunar rainbow was observed by Mr. J. R. Scotland on 12th at about 2 a.m. to the north east.

The total evaporation for the month was 7.13 inches. Mean Solar maximum temperature 134.1 degs. Extreme max. 144.0 degs. on 21st.

Mean number of daily sunshine hours 9.1.

No Tropical Disturbance was noted during this month.

J. F. BRENNAN,
Government Meteorologist.

Kingston, August 19, 1927.

No. 601.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

AUGUST, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.951	29.919	82.7	85.7	87.5	78.0	9.5	89.1	27	70.9	21	18.2
Kingston	24	29.930	29.890	75.5	85.2	89.7	73.2	16.5	92.6	23	69.8	14	22.8
Negril Pt. Light House	33	29.939	29.903	76.9	84.7	89.2	72.9	16.3	91.6	29*	68.5	14	23.1
Castleton Gardens	496			71.0	81.0	87.1	69.5	17.6	91.0	23	66.0	21	25.0
Hope Gardens†	668	29.948	29.886	73.4	84.0	89.4	70.0	19.4	92.0	21	67.0	15	25.0
Stony Hill Indus. School	1,400			67.8	77.6	80.7	65.2	15.5	85.0	2*	64.0	2*	21.0
Hill Gardens	4,900	25.269	25.256	63.4	67.8	71.7	59.4	12.3	75.0	1*	58.0	3*	17.0

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
		ft.	°	%	°			%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	874	5	76	74.0	68	2.80	240	N.E	11.5	E.N.E	8.6	3.0	1.5	1.6	2.0	1.1	2.3
Kingston	246	9	82	72.1	66	2.83	175	N.N.E	4.0	S.E	16.0	0.3	1.0	2.1	3.4	2.3	2.2
Negril Point	337	2	86	74.1	71	2.84	166	N.E	7.3	N.E.	9.4	0.6	0.6	3.3	1.6	6.8	0.1
Light House	337	2	86	74.1	71	2.84	166	N.E	7.3	N.E.	9.4	0.6	0.6	3.3	1.6	6.8	0.1
Castleton Gdns.	496	9	94	75.9	85	9.57	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	9	86	75.3	75	4.30	..	..	..	..	..	..	..	..	..	..	..
Stony Hill																	
Indus. School	1,400	6	95	74.1	89	4.12	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	5	84	63.7	87	2.98	..	..	..	..	..	..	..	..	..	..	..

* And on other days

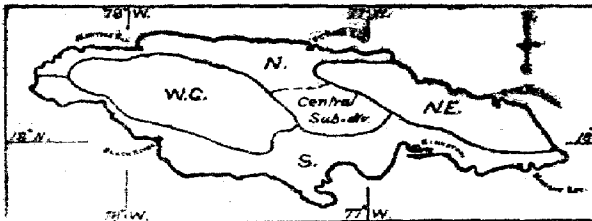
† Hope Gardens Bar, read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



STATION.	August, 1927.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.	Average.	
	Amount.	Date.			
NORTH-EASTERN DIVISION (N.E.)					
	In.	In.			In.
Manchioneal	6.58	1.75	4	13	7.40
Priestman's River	7.15	1.05	30	21	...
Fairview Hill	9.58	1.33	10	18	...
Bath	7.14	1.13	17	19	9.91
Millbank	0.59	2.84	4	6	...
Moore Town	9.66	2.00	4	15	15.54
Port Antonio	7.12	1.46	30	12	11.35
Passley Garden	6.98	1.25	30	27	...
Fellowship	6.39	1.70	29	12	14.01
Johnson River Br.	4.56	1.45	5	12	10.60
Trinity Ville	5.14	1.38	5	7	...
Shrewsbury	4.49	1.15	5	11	8.71
Hope Bay	4.72	1.21	5	14	...
Cedar Valley	2.54	1.13	4	5	19.24
Moy Hall	3.04	0.68	4	11	...
Paradise	...	...	...	...	...
Lennox	5.11	1.51	5	11	...
Greenvale	2.17	0.62	4	7	6.06
Spring Garden	2.03	0.40	19	9	5.85
Hill Gardens	2.98	1.50	4	9	8.38
Buff Bay	4.03	1.58	5	11	5.30
Belvedere, Portland	2.28	0.60	7	7	...
Windsor Castle do	2.97	2.00	4	8	4.47
Bacarras	1.32	0.70	11	4	...
Mt. Holstein	4.75	1.19	20	9	7.11
Cedar Hurst	7.10	3.34	20	15	...
Hardware Gap	5.92	1.80	16	11	7.24
Rose Hill	6.11	2.09	11	13	10.52
Hermitage	3.77	1.40	11	16	...
Stony Hill Ind. Schl.	4.12	1.13	11	17	9.45
Iter Boreale	2.58	0.91	5	6	...
Enfield	2.16	0.56	10	13	...
Agulita Vale	2.37	1.23	5	7	4.03

STATION.	August, 1927.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.	Average.	
	Amount.	Date.			
N.E. Div., contd.					
Castleton Gardens	9.57	1.65	30	17	10.16
Water Valley	2.24	1.20	5	9	4.29
Albany	2.62	1.09	5	11	...
Lawrence Tavern	4.43	1.50	23	8	8.43
Platfield	...	...	...	...	6.78
Richmond, St. Mary	4.31	0.98	12	14	5.13
Quebec, St. Mary	4.25	1.38	25	7	3.76
Zion Hill	7.40	2.00	6	10	...
Carew Castle	8.42	2.73	20	10	10.24
Hampstead, St. Mary	4.00	1.06	5	11	4.46
Windsor Castle do	5.21	1.08	18	10	...
Troja	3.11	0.80	11	9	...
Pear Tree Grove	8.10	2.12	18	8	...
Guys Hill	5.25	1.54	6	8	...
Lucky Hill	4.25	1.59	25	14	4.68
Rio Hoe	4.38	1.65	2	9	6.00
Unity Valley	4.62	1.16	23	13	6.70
Moneague	4.48	1.03	30	15	6.06
Claremont	3.53	0.84	2	9	5.17
Averham Park	2.03	0.38	8	6	4.76
Albion	2.00	0.50	4	11	6.15
NORTHERN DIVISION (N.)					
Port Maria	3.20	0.79	9	11	4.74
Sand Hill	...	...	...	...	...
Eden Park	2.90	0.47	4	12	...
Oracabessa	3.03	0.60	4	8	...
New Ramble	...	...	...	...	5.44
Huddersfield	3.19	0.71	14	6	...
Ocho Rios	0.81	0.26	3	5	3.07
Bogue, Ocho Rios	3.30	1.40	13	6	4.23
Drax Hall	...	...	...	...	3.61
Rockfield	2.79	0.85	2	11	4.19
Liberty Hill	2.22	0.70	2	7	3.20
St. Ann's Bay	2.95	0.90	13	10	2.91
Seville	...	...	...	...	3.62
Richmond Estate	2.49	0.64	25	10	3.12
Llandoverly	...	...	...	...	2.73
Runaway Bay	0.80	0.52	5	2	...
Knapdale	1.45	0.57	2	10	...
Alexandria	4.03	1.08	5	6	...
Brown's Town	1.35	0.44	7	11	4.27
Watt Town, St. Ann	3.13	1.22	22	8	...
Home Castle	0.85	0.30	26	7	3.56
Richmond Pen	2.15	0.60	11	5	5.28
Bryan Castle	1.00	0.35	5	7	2.80
Braco	0.85	0.20	...	7	2.63
Arcadia	2.12	0.52	18	8	3.42
Vale Royal	1.90	0.85	17	7	4.33
Harmony Hall	1.03	0.36	6	5	2.40
Colchis Pen	4.39	1.58	20	15	5.16
Duncans	1.58	0.35	6	7	...
Clark's Town	2.61	1.22	18	7	...
Carey Park	1.50	0.60	5	7	...
Falmouth	1.11	0.44	5	8	2.61
Canaan	3.12	0.77	19	7	3.50
Grange	1.25	0.90	5	2	...
Success	1.05	0.35	5	5	2.1

		August, 1927.							August, 1927.				
STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.	STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		
		Amount.	Date.					Amount.	Date.				
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.							
Rose Hall	1.25	0.45	5	5	2.05	Troy	7.60	2.35	29	4	10.73		
Cinnamon Hill	1.25	0.40	5	5	2.24	Wallingford	6.77	1.76	3	13	10.30		
Tryall	2.00	0.70	2	5	6.61	Balaclava	9.09	1.85	4	10	7.45		
Running Gut	1.45	0.45	5	5	2.59	Appleton	7.37	2.15	1	15	..		
Spring Estate	1.60	0.50	5	6	2.70	Deeside	2.74	0.91	27	10	..		
Friendship	..	..	..	..	..	Magotty	13.84	3.00	22	17	10.96
Retirement	..	..	..	..	..	Lacovia	10.56	2.94	24	10	..
Belfield	4.17	1.02	20	11	3.68	Ipswich	15.51	2.60	10	23	..		
Montego Bay	3.50	1.26	2	13	5.36	Kempshot	3.84	0.68	30	2	8.34		
Anchovy	2.66	0.40	30	15	6.10	Garlands	7.18	1.86	18	15	..		
Blue Hole	4.27	1.41	20	11	..	Mocho, St. James	9.58	1.50	30	15	..		
Kew	3.15	1.10	20	5	7.77	Bandon Pen	6.11	2.10	20	10	..		
Lucea	1.50	0.29	20	9	6.48	Springfield, St. Eliz.	12.15	1.75	1	20	..		
Haughton Court	2.10	0.50	20	9	6.71	Catadupa	9.28	1.50	19	15	..		
Cousins Cove	7.37	1.60	20	12	..	Cambridge, St. Jas.	6.16	0.80	18	19	11.82		
Green River	10.31	1.41	20	16	..	New Market	14.20	1.74	18	25	12.32		
Green Island	6.35	1.10	20	15	..	Kew Park	8.97	1.56	18	20	11.99		
Haughton Hall	6.90	1.68	20	15	..	Montpelier	5.15	1.57	31	10	..		
CENTRAL SUB-DIVISION.						The Bog	23.63	5.60	20	22	13.67		
Knollis	5.91	3.74	8	13	..	Bethel Town Dist.	15.14	2.40	21	22	..		
Highgate	10.78	1.73	6	18	..	Burnt Ground	..	..	..	..	11.00
Rio Magno	4.78	0.89	6	12	..	Haughton Grove	..	..	..	..	11.44
Riversdale	5.20	1.13	18	14	..	Darliston	14.80	1.55	8	26	14.96		
Headworks, R.C.C.	6.07	2.20	24	7	5.58	Knockalva	4.65	1.03	11	16	12.38		
Berkshire Hall	..	..	..	..	6.70	Ramble	5.22	1.07	1	14	..
Bog Walk	6.91	2.53	8	8	..	Bluefields	..	..	..	..	11.83
Linstead	4.91	2.09	8	14	8.62	Whithorn	7.32	1.60	30	12	11.65		
Cave Valley	2.66	1.00	23	6	7.53	Water Works Pen	9.35	1.55	30	20	12.78		
Point Hill	7.29	1.18	11	17	11.25	Askenish	15.80	2.50	20	15	..		
Bellas Gate	5.53	1.60	4	6	..	Grange Hill	11.21	2.92	6	21	12.31		
Croft Hill	2.58	1.50	8	5	7.16	King's Vale	7.98	1.80	20	10	10.65		
Suttons	2.46	0.50	5	9	..	SOUTHERN DIVISION (S.)							
Chapelton	2.20	0.88	9	10	6.66	Morant Point L. H.	2.80	0.72	17	17	5.25		
Crooked River	7.10	2.36	8	15	..	Golden Grove	..	..	..	..	..
Trout Hall	..	..	..	..	9.19	Pleasant Hill	5.44	1.05	17	20	..
James Hill	4.43	1.20	5	9	..	Phillipsfield	4.62	0.96	17	17	..		
Frankfield	8.05	2.55	20	11	..	Bowden	4.35	0.77	4	18	..		
WEST-CENTRAL DIVISION (W.C.)						East Prospect	6.46	1.47	11	18	7.36		
Mocho, Clarendon	2.79	0.69	5	12	7.44	Morant Bay	5.95	1.51	4	14	6.52		
Clarendon Park	2.39	0.84	5	7	..	Aeolus Valley	3.48	0.80	5	12	..		
Spaldings	3.15	0.65	30	9	..	Yallahs	2.19	1.13	4	8	..		
Williamsfield	6.63	0.87	9	16	..	Easington	1.85	0.78	5	11	7.62		
Brokenhurst	6.04	2.28	30	10	8.24	Norris	2.18	0.86	5	6	..		
Shooters Hill	5.00	0.80	5	14	8.02	Mavis Bank	1.45	0.60	5	4	..		
Lowe River	3.66	1.44	30	3	8.78	Bull Bay	1.00	1.00	5	1	2.78		
Christiana	3.12	0.85	28	14	7.23	Bellevue	2.90	0.85	20	13	6.50		
Clifton Hill	6.12	1.43	8	10	..	Gordon Town	3.63	1.75	11	8	5.29		
Kendal, Manchester	6.48	1.42	6	14	7.75	Irish Town	5.70	2.00	11	8	6.81		
Battersea	..	..	..	..	..	Hope Gardens	4.30	1.10	24	9	5.78
Bleak House	6.16	1.55	8	15	..	Ivor	6.13	2.15	11	11	..		
Mereworth	..	..	..	..	..	Plumb Point L. H.	3.47	2.40	24	4	3.38
Mandeville	6.32	1.54	8	15	8.79	King's House Gar.	2.89	0.70	11	6	5.17		
Chudleigh	..	..	..	..	9.52	N.E. Kingston	3.31	1.27	5	6	3.30
Ulster Spring	6.26	1.38	21	13	8.19	Upper Kingston	3.81	1.39	24	7	..		
Marshall's Pen	6.72	1.18	23	16	8.35	Kingston P.W.O.	2.83	1.46	5	6	3.55		
Greenvale	5.96	1.00	22	14	..	Half-way Tree	2.21	0.80	24	6	3.89		
Albert Town	4.24	1.26	20	4	8.84	Clifton Pen	2.16	0.92	5	5	4.06		
Warsop	5.80	1.53	29	12	..	..	..	..	..	..	..

STATION.	August, 1927.					STATION.	August, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I.	3.20	1.50	24	4	..	Great Valley, Man.	4.27	1.54	11	7	5.50
Quarantine Station ..	0.65	0.30	5	3	2.33	Alligator Pond ..	3.57	1.25	4	5	3.64
Cumberland Pen ..	..	..	..	..	..	Fairfield ..	5.30	0.80	3	14	6.24
Watson Grove ..	2.06	1.03	7	3	..	Lititz ..	4.02	1.08	29	8	5.43
Great Salt Pond ..	1.01	1.01	4	1	..	Myersville ..	6.45	1.75	24	10	..
Hematine ..	3.15	1.36	5	7	..	Gilnock ..	10.89	1.90	1	15	..
Spanish Town ..	3.82	1.38	5	6	3.93	Southfield, St. Eliz.	4.26	2.73	11	8	6.89
The Stew rtry ..	3.79	1.26	24	7	..	Bethlehem, St. Eliz.	8.97	2.32	24	15	6.37
Hog Hole, St. Cath.	3.62	1.06	24	9	4.28	Torrington ..	7.59	2.00	24	12	5.55
Hartlands ..	2.53	1.70	24	3	3.48	Santa Cruz ..	13.23	2.63	30	15	9.02
Amity Hall ..	2.39	1.03	5	6	..	Pedro Plains ..	2.23	0.46	24	10	2.88
Bushy Park ..	3.00	1.45	24	5	..	Mountainside ..	7.93	1.37	28	12	..
Old Harbour ..	3.75	1.30	24	7	4.49	Fort Charles ..	1.54	0.35	24	7	..
May Pen ..	2.53	1.02	5	8	5.05	Black River ..	3.34	0.72	8	10	6.32
Glen Muir ..	1.40	1.40	5	1	..	Font Hill ..	6.90	3.10	8	14	6.25
Dry River, Vere ..	1.88	0.57	5	5	3.81	Mount Edgecombe	13.80	2.54	20	18	8.29
New Yarmouth ..	..	..	..	..	3.84	Sweet River ..	5.67	0.87	20	19	9.07
Cottage ..	5.83	3.30	1	7	..	Sav.-la-Mar ..	4.25	0.95	19	16	7.78
Belle Plain ..	1.75	1.05	5	4	..	Orchard ..	4.21	0.74	25	16	10.52
Milk River ..	3.05	1.61	25	5	4.41	Little London ..	3.96	1.26	9	17	..
Retrieve ..	5.22	1.41	5	8	..	Retreat ..	7.52	1.58	20	17	8.58
Hog Hole, S. Man.	6.39	2.08	4	4	..	Negril Point L.H.	2.84	0.41	31	17	7.02
Stone's Hope ..	6.53	1.47	5	9	6.36						
Newport, Man.	5.35	1.36	11	13	6.98						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	August.	
	1927.	Average.
	In.	In.
North-Eastern Division ..	4.63	7.47
Northern ..	2.52	4.85
West-Central ..	8.00	10.14
Southern ..	4.46	5.26
The Island ..	4.90	6.93

SHOCKS OF EARTHQUAKE IN August, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
30th	8.30 p.m.	I.	Belle Vue (near to Guava Ridge, St. Andrew.)

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The Mean Rainfall was deficient in all the Divisions and was about 2.00 ins. below the average for the Island.

The heaviest precipitation appears to have been on the 5th, but the rainfall generally was well distributed, as the average number of rainy days was 11, 9, 14 and 10, in the North-Eastern, Northern, West-Central and Southern Divisions, respectively, giving an average of 11 for the Island. The greatest number of rainy days was 27 at Passley Garden in the North-Eastern Division.

The greatest total fall for the month was 23.63 ins. at the Bog in the West-Central Division; and the heaviest fall in 24 hours was 5.60 ins. at the same station on the 20th.

Hail fell at Kempshot on the 20th. At Hartlands on the 24th, there was a sharp rainstorm, lasting only about a minute, which damaged banana and other trees; and on the same day, at Highgate in St. Catherine, a heavy local flood rain damaged the roads.

The Mean Rainfall in each Parish is tabulated below:—

	Ins.		Ins.
Kingston	3.35	St. James	3.92
St. Andrew	3.73	Hanover	6.15
St. Thomas	4.12	Westmoreland	9.38
Portland	5.52	St. Elizabeth	8.34
St. Mary	3.72	Manchester	5.56
St. Ann	2.12	Clarendon	3.46
Trelaway	3.16	St. Catherine	4.71

AT KINGSTON.

The total rainfall for the month of August, 2.83 inches, was about 80% of the 50-year normal.

Greatest fall in 24 hours was 1.46 inch, occurring on the 5th, with 6 rainy days. Rain was observed on the nearby hills on 13 days to north, 3 days to north-east, 2 days to north-west and one day to seaward.

The aggregate rainfall for two-thirds of the year, elapsed, shews only 10.50 inches, whereas the normal for the corresponding period requires 17.48 ins., shewing a deficiency of about 7 inches.

The mean of the daily miles of wind registered for August was 175 which is somewhat less than the 20-year normal of 196. Max. number of miles of wind in one day was 238 on 27th, and minimum 103 on 25th. South-easterly wind continued until late into the evenings of 1st, 18th and 27th.

Distant thunderstorms were observed to northward on 4th, 14th, 18th, 19th, 20th, 25th, 28th, 30th, and 31st. To north-east on 3rd, 22nd, 23rd, and 25th. To eastward on 1st and 18th. To southward on 24th. To south-westward on 24th. To north-westward on 29th. Moderate local thunderstorm on 11th. Frequent distant lightning (particularly at night or early morning) chiefly to northward or north-eastward.

The mean barometric pressure was 29.922 ins.: the normal being 29.929 ins. Highest barometer reading 29.979 ins. on 5th at 3 p.m., and lowest 29.834 ins. on 30th at 7 p.m. (corrected for D.V.) Mean temperature, based upon 4 observations per day was 80.4 degs.; the 33-year normal being 81.6 degs. The first half of the month was 1.1 deg. lower than the second half, owing, possibly, to much cloudiness during the earlier days of the month.

The maximum temperature was below 90 degs. on 18 days. Min. temperature was above 70 degs. on 30 days. Highest maximum temp. 92.6 degs. on 23rd, lowest minimum temp. 69.8 degs. on 14th. Mean relative humidity was 1 deg. above the 33-year normal owing to cloudiness. The mean 7 a.m. was 82%, and mean 3 p.m. 66%. Lowest 7 a.m. 69% on 3rd and 21st. Lowest 3 p.m. 49% on 23rd.

The sky was overcast in the early forenoon on 11 occasions, and in the afternoon on 16 occasions.

Rainfall for the Upper Boundary of Kingston 3.81 inches, with 7 rainy days.

A fine solar halo was observed on 14th from 10.30 a.m. to about 2 p.m.

The mean number of daily sunshine hours was 9.2.

Total Evaporation for the month was 7.80 inches. Mean solar maximum temperature 137.3 degs. Extreme 144.9 degs. on 25th.

There was no Tropical Disturbance in the Caribbean or the Gulf of Mexico reported during the month. But in the Atlantic a severe hurricane developed to the north-eastward of Porto Rico on 21st and continued in a north-westward track to the west of Bermuda, then curved north-easterly on 24th, passing over Nova Scotia with disastrous effect at Halifax.

J. F. BRENNAN,
Government Meteorologist.

Kingston, September 16th, 1927.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF
SEPTEMBER, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus; and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.
The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.			
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.
	ft.	in.	in.	°	°	°	°	°	°		°	°
Morant Pt. Light House	8	29.896	29.859	80.6	86.5	88.1	72.3	15.8	89.4	5	72.1	30
Kingston	24	29.881	29.840	75.7	85.5	89.2	73.6	15.6	91.6	2	69.7	13
Negril Pt. Light House	33	29.884	29.852	76.7	86.0	90.0	73.4	16.6	93.9	15	70.6	2
Castleton Gardens	496			70.6	79.6	86.8	69.6	17.2	90.0	3*	66.0	13
Hope Gardens†	668	29.915	29.848	73.1	83.3	87.0	69.4	17.6	92.0	3	66.0	16
Stony Hill Indus. School	1,400			67.8	76.9	81.5	64.8	16.7	85.0	1*	62.0	11*
Hill Gardens	4,900	25.287	25.189	64.1	66.5	69.1	58.7	10.4	77.0	3	56.0	30

STATIONS.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft	°	%	°	%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	74.1	80	74.3	67	3.89	144	N.E.	4.6	E.N.E.	6.0	1.3	1.4	2.9	1.1	1.3	2.2
Kingston	24	70.9	85	73.1	68	1.82	136	N.N.E.	3.9	S.E.	8.7	0.7	1.1	3.0	4.6	1.5	1.5
Negril Point Light House	33	73.4	90	73.5	67	4.25	161	E.	6.0	E.N.E.	8.4	0.3	0.5	5.5	1.5	5.1	0.9
Castleton Gdns.	496	68.8	94	75.2	87	10.68	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69.1	87	76.8	81	8.72	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	61.9	81	71.3	83	10.07	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	59.2	84	63.4	90	8.84	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

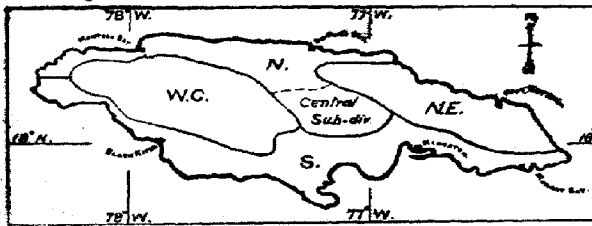
† Hope Gardens Bar, read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



September, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
		In.	In.		
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal ..	4.07	1.14	24	11	10.61
Priestman's River ..	5.12	1.50	6	11	..
Fairy Hill ..	2.25	1.30	30	5	..
Bath ..	5.37	0.90	3	16	12.07
Millbank ..	6.76	1.26	21	7	..
Moore Town ..	2.90	1.00	21	10	15.39
Port Antonio ..	4.47	1.43	13	7	10.64
Passley Garden ..	3.30	0.89	23	14	..
Fellowship ..	3.09	0.86	5	7	13.12
Johnson River Br. ..	3.30	1.20	14	14	11.04
Trinity Ville ..	4.18	1.53	8	10	..
Shrewsbury ..	4.85	1.20	23	9	9.25
Hope Bay ..	3.45	0.55	5	14	..
Cedar Valley ..	4.74	2.00	28	5	13.17
Moy Hall ..	6.24	1.76	28	12	..
Paradise ..	5.76	1.00	25	11	..
Lennox ..	4.18	0.95	25	11	..
Greenville ..	11.66	3.32	25	11	9.12
Spring Garden ..	3.86	1.50	10	8	4.85
Hill Gardens ..	8.84	1.80	29	18	9.84
Buff Bay ..	4.59	3.00	8	9	4.84
Belvedere, Portland ..	6.64	4.00	8	10	..
Windsor Castle do ..	2.44	1.13	8	7	5.13
Balcarres ..	10.74	2.15	25	16	..
Mt. Holstein ..	20.24	3.25	16	18	9.23
Cedar Hurst ..	14.23	2.05	16	24	..
Hardware Gap ..	17.46	2.80	17	18	10.19
Rose Hill ..	20.54	4.33	8	21	12.32
Hermitage ..	13.66	2.23	6	23	..
Stony Hill Ind. Schl. ..	10.07	1.60	19	20	9.97
Iter Boreale ..	..	..	..	..	..
Enfield ..	10.41	2.37	8	16	..
Agualta Vale ..	1.11	0.46	8	6	4.86
NORTHERN DIVISION (N.)					
Port Maria ..	2.29	0.64	23	9	3.85
Sand Hill ..	..	..	..	..	..
Eden Park ..	1.71	0.53	23	9	..
Oracabessa ..	2.13	1.00	23	4	..
New Ramble ..	6.51	2.75	23	6	5.07
Huddersfield ..	2.76	2.00	23	3	..
Ocho Rios ..	1.11	0.55	6	5	3.63
Bogue, Ocho Rios ..	4.24	1.12	23	5	4.26
Drax Hall ..	..	..	..	..	3.84
Rockfield ..	6.01	1.66	23	15	5.18
Liberty Hill ..	5.40	1.75	10	9	4.13
St. Ann's Bay ..	2.25	0.40	23	12	3.47
Seville ..	..	..	..	..	3.64
Richmond Estate ..	2.50	0.78	17	8	3.86
Llandoverly ..	2.17	0.52	6	9	3.78
Runaway Bay ..	2.51	1.50	17	3	..
Knappdale ..	7.74	1.36	9	16	..
Alexandria ..	8.81	1.62	26	13	..
Brown's Town ..	6.87	1.75	8	18	5.26
Watt Town, St. Ann ..	3.51	1.00	24	9	..
Home Castle ..	5.25	2.45	17	10	4.64
Richmond Pen ..	4.60	1.00	16	11	6.26
Bryan Castle ..	3.65	1.90	23	6	3.57
Braco ..	2.70	1.10	23	6	3.25
Arcadia ..	..	..	..	..	4.37
Vale Royal ..	4.96	1.70	23	10	4.68
Harmony Hall ..	3.59	1.05	21	8	3.57
Colchis Pen ..	9.39	2.00	8	14	5.25
Duncans ..	3.14	0.80	23	10	..
Clark's Town ..	6.28	1.35	9	11	..
Carey Park ..	2.53	0.57	8	11	..
Falmouth ..	4.36	3.16	11	9	3.36
Canaan ..	7.39	0.94	24	16	7.94
Grange ..	0.69	0.40	15	2	..
Success ..	0.70	0.50	8	2	3.91

STATION.	September, 1927.					STATION.	September, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Rose Hall ..	1.75	0.90	8	4	3.68	Troy ..	21.00	3.37	24	15	13.89
Cinnamon Hill ..	1.65	1.05	8	3	4.18	Wallingford ..	16.00	2.40	19	20	12.87
Tryall ..	3.10	1.80	8	5	6.29	Balaclava ..	13.37	1.80	19	13	11.01
Running Gut ..	1.80	1.00	8	4	3.99	Appleton ..	12.04	2.82	15	19	..
Spring Estate ..	3.10	1.40	8	7	4.11	Deeside ..	7.89	1.56	18	16	..
Friendship ..	..	..	..	..	..	Magotty ..	11.62	2.09	28	17	11.99
Retirement ..	..	..	..	..	10.21	Lacovia ..	6.48	1.31	24	11	..
Belfield ..	8.20	1.17	29	19	5.52	Ipswich ..	8.15	1.27	4	20	..
Montego Bay ..	3.41	0.86	11	15	6.76	Kempshot ..	6.28	1.00	17	19	9.36
Anchovy ..	2.92	0.52	8	17	..	Garlands ..	17.30	4.66	19	21	..
Blue Hole ..	6.54	1.60	9	12	..	Mocho, St. James ..	17.76	2.20	7	24	..
Kew ..	6.55	1.85	9	9	8.14	Bandon Pen ..	14.18	1.75	7	23	..
Lucea ..	4.76	1.49	9	12	8.02	Springfield, St. Eliz.	11.24	1.70	19	15	..
Haughton Court ..	6.09	1.74	9	9	6.68	Catadupa ..	15.68	2.74	17	18	..
Cousins Cove ..	4.81	1.35	11	12	..	Cambridge, St. Jas.	13.98	2.84	7	22	12.52
Green River ..	6.75	1.44	1	10	..	New Market ..	12.12	2.15	19	22	10.57
Green Island ..	9.96	4.35	24	15	..	Kew Park ..	12.99	2.00	24	22	12.40
Haughton Hall ..	7.54	1.57	7	15	..	Montpelier ..	11.42	1.40	8	20	..
CENTRAL SUB-DIVISION.						The Bog ..					
Knollis ..	7.77	1.25	1	14	..	Bethel Town Dist.	16.39	2.31	20	22	..
Highgate ..	6.07	0.81	15	14	..	Burnt Ground ..	..	..	..	..	12.65
Rio Magno ..	3.83	1.40	24	14	..	Haughton Grove ..	..	..	..	..	12.43
Riversdale ..	..	..	..	..	..	Darliston ..	15.58	1.81	7	24	14.58
Headworks, R.C.C.	3.65	1.35	26	10	6.49	Knockalva ..	13.70	2.98	20	24	13.32
Berkshire Hall ..	..	..	..	..	6.66	Ramble ..	16.22	3.40	20	23	..
Bog Walk ..	2.50	1.98	26	5	..	Bluefields ..	..	..	..	..	10.47
Linstead ..	5.11	0.91	26	17	8.02	Whithorn ..	6.40	1.27	7	14	11.30
Cave Valley ..	9.85	2.26	25	18	7.79	Water Works Pen ..	9.35	1.33	7	20	11.00
Point Hill ..	9.97	2.05	28	16	12.07	Askenish ..	10.60	2.05	2	14	..
Bellas Gate ..	6.15	1.80	17	8	..	Grange Hill ..	14.46	1.95	26	23	11.89
Croft Hill ..	6.60	1.50	15	11	8.91	King's Vale ..	8.63	2.02	24	11	11.22
Suttons ..	9.89	1.40	20	19	..	SOUTHERN DIVISION (S.)					
Chapelton ..	6.46	1.55	28	19	8.00	Morant Point L. H.	3.89	0.94	9	16	7.02
Crooked River ..	6.25	0.91	21	15	..	Golden Grove ..	..	..	..	..	..
Trout Hall ..	10.31	2.00	5	12	11.58	Pleasant Hill ..	3.28	0.62	5	17	..
James Hill ..	10.59	2.00	17	16	..	Phillipsfield ..	2.95	0.69	5	13	..
Frankfield ..	8.14	1.23	6	13	..	Bowden ..	1.63	0.46	7	13	..
WEST-CENTRAL DIVISION (W.C.)						East Prospect ..	0.59	0.14	7	7	8.14
Mocho, Clarendon ..	6.96	1.00	24	13	9.31	Morant Bay ..	1.58	0.55	24	8	8.27
Clarendon Park ..	4.93	1.07	17	11	..	Aeolus Valley ..	3.29	1.30	5	9	..
Spaldings ..	14.07	3.60	25	22	..	Yallahs ..	1.58	1.00	24	5	..
Williamsfield ..	10.60	2.00	4	18	..	Easington ..	1.07	0.54	15	9	8.59
Brokenhurst ..	6.83	1.25	14	17	9.85	Norris ..	0.66	0.25	14	5	..
Shooters Hill ..	10.30	2.20	21	16	9.54	Mavis Bank ..	7.59	1.54	24	9	..
Lowe River ..	10.18	2.15	7	15	12.00	Bull Bay ..	0.20	0.20	13	1	4.74
Christiana ..	9.42	2.23	5	22	9.82	Bellevue ..	..	..	..	..	8.85
Clifton Hill ..	15.55	3.45	25	10	..	Gordon Town ..	9.74	1.25	24	18	8.18
Kendal, Manchester	10.18	1.30	28	18	9.98	Irish Town ..	11.10	1.30	29	21	8.76
Battersea ..	..	..	..	..	..	Hope Gardens ..	8.72	2.35	17	17	7.05
Bleak House ..	10.46	1.73	19	20	..	Ivor ..	11.99	2.90	19	19	..
Mereworth ..	..	..	..	..	..	Plumb Point L. H.	0.68	0.50	28	4	4.10
Mandeville ..	13.89	2.25	26	19	10.12	King's House Gar.	2.40	0.50	6	7	5.31
Chudleigh ..	..	..	..	..	10.36	N.E. Kingston ..	1.19	0.54	20	12	4.60
Ulster Spring ..	11.44	2.12	24	20	9.91	Upper Kingston ..	3.33	1.02	19	9	..
Marshall's Pen ..	11.44	3.75	25	21	9.42	Kingston P.W.O.	1.82	0.58	7	7	4.03
Greenvale ..	7.69	2.95	15	11	..	Half-way Tree ..	3.31	1.71	14	10	4.81
Albert Town ..	7.26	1.03	17	14	11.07	Clifton Pen ..	4.10	2.50	19	5	4.36
Warsop ..	15.67	2.95	7	18	..						

STATION.	September, 1927.					STATION.	September, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	In.	In.			In.	SOUTHERN DIVISION, contd.	In.	In.			In.
Farm I.						Great Valley, Man.	5.87	1.50	19	9	6.54
Quarantine Station ..	0.84	0.48	14	5	2.66	Alligator Pond ..	2.99	1.20	29	7	5.13
Cumberland Pen ..						Fairfield ..	8.39	1.21	6	23	8.22
Watson Grove ..						Lititz ..	5.82	0.96	19	16	5.10
Great Salt Pond ..						Myersville ..	7.70	1.44	6	15	
Hematine ..	2.46	1.19	19	10		Gilnock ..	12.86	3.70	25	18	
Spanish Town ..	2.15	0.97	19	9	5.13	Southfield, St. Eliz.	3.98	0.91	21	13	6.75
The Stewartry ..	1.51	0.26	4	11		Bethlehem, St. Eliz.	7.18	1.51	26	15	7.32
Hog Hole, St. Cath.	1.87	0.39	26	9	6.04	Torrington ..	7.16	1.55	25	13	6.52
Hartlands ..	1.08	0.40	14	5	4.79	Santa Cruz ..	10.38	1.99	25	16	9.77
Amity Hall ..	1.73	0.92	24	6		Pedro Plains ..	1.55	0.35	24	10	4.11
Bushy Park ..	1.27	0.95	24	6		Mountainside ..	7.17	2.60	25	10	
Old Harbour ..	3.02	1.50	4	4	6.25	Fort Charles ..	3.57	1.27	7	10	
May Pen ..	7.95	1.35	23	17	6.99	Black River ..	3.84	0.63	17	11	5.47
Glen Muir ..	5.30	2.00	16	4		Font Hill ..	8.15	3.00	19	8	6.29
Dry River, Vere ..	4.38	1.65	25	9	5.60	Mount Edgcombe ..	8.02	3.20	19	19	8.28
New Yarmouth ..					5.82	Sweet River ..	8.74	2.30	11	19	7.87
Cottage ..	3.26	1.20	25	7		Sav.-la-Mar ..	4.26	0.93	1	20	7.09
Belle Plain ..	3.72	1.50	25	8		Orchard ..	6.79	1.44	1	15	8.84
Milk River ..	1.22	0.75	24	3	7.51	Little London ..	7.64	1.32	21	16	
Retrieve ..	5.25	1.38	24	16		Retreat ..	5.31	1.35	26	12	7.99
Hog Hole, S. Man.	5.49	1.30	4	9		Negril Point L.H.	4.25	0.69	25	16	6.91
Stone's Hope ..	10.15	2.62	24	14	8.37						
Newport, Man.	5.89	1.22	14	17	7.94						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	September.	
	1927.	Average.
	In.	In.
North-Eastern Division ..	7.55	8.48
Northern ..	4.82	5.73
West-Central ..	11.43	11.02
Southern ..	4.67	6.40
The Island ..	7.12	7.91

SHOCKS OF EARTHQUAKE IN September, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
21st	3.30 a.m.		Myersville Bethlehem Santa Cruz Fort Charles Black River

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The Mean Rainfall for the month was below the average in all Divisions except the West Central, which had slightly over the average.

The rainfall appears to have been fairly general throughout the month and was well distributed, the average number of rainy days being 13, 10, 18 and 11 in the North-Eastern, Northern, West-Central and Southern Divisions respectively, giving an average of 13 for the Island. The greatest number of rainy days for the month was 24 at Cedar Hurst, Moncague, Mocho (St. James), Darliston and Knock-alva.

The greatest total fall for the month was 21.00 ins., at Troy in the West-Central Division, and the heaviest fall in 24 hours was 4.66 ins., at Garlands in the same Division on the 19th.

The Mean Rainfall in each Parish is tabulated below:

	Inches.		Inches.
Kingston	1.75	St. James	7.30
St. Andrew	9.17	Hanover	8.50
St. Thomas	2.96	Westmoreland	9.41
Portland	6.23	St. Elizabeth	8.52
St. Mary	5.27	Manchester	8.85
St. Ann	6.06	Clarendon	6.88
Trelawny	7.60	St. Catherine	4.72

The total Rainfall for the 9 months ending 30th September is given below, and shews a deficiency of 6.88 inches, as compared with the 50 year average.

	1927 Inches.	50 year Average Inches.
January	4.84	4.10
February	2.68	3.06
March	2.06	3.42
April	3.97	5.03
May	8.78	9.12
June	3.87	7.18
July	6.55	4.90
August	4.90	6.93
September	7.12	7.91
Total	44.77	51.65

There was a hailstorm at Wallingford on the 19th.

AT KINGSTON.

The rainfall for September was again deficient, being only 1.82 inch with 7 rainy days, shewing less than one-half of the 50 year average of 4.03 ins. The greatest fall in 24 hours was 0.58 inch on 7th. Rain was observed on the nearby hills and lower St. Andrew to North on 25 days, to North-east on 6 days, East on 1 day and to South on 1 day.

The aggregate rainfall for the past 9 months (or $\frac{3}{4}$ of year) was only 12.32 inches, as compared with the 50-year normal of 21.51 ins., shewing a deficiency of over 9 inches.

The mean of the daily miles of wind registered was only 136 as against the 20-year normal of 166. Maximum number of miles of wind in one day was 222 on 3rd. Minimum 90 on 5th. South-easterly wind continued until late into the evening of 11th.

Distant thunderstorms were observed to northward on 19 days, north-eastward on 3 days, eastward on 2 days and to seaward on 2 days. Distant lightning was seen at nights throughout the month chiefly to northward or north-eastward. Vivid distant lightning seen on nights on 1st, 16th, 17th, 19th, 24th, and 28th.

The mean barometric pressure was 29.872 ins., the normal being 29.889 ins. Highest barometer reading 29.927 ins. on 8th at 3 p.m. also on 13th at 7 a.m. Lowest bar. 29.795 ins. on 29th at 10 p.m. also low pressure between 6th and 7th, 16th, 24th and 26th, and from 28th to 1st Oct. (corrected for D.V.). The mean temperature, based upon 4 observations per day was 80.5 degs., the 33-year normal being 80.6 degs. The first half of the month was 0.5 deg. lower in temp. than the second half. The maximum temp. was below 90 degs. on 25 days. Minimum temp. below 70 degs. on one day. Highest maximum 91.6 degs. on 2nd. Lowest minimum 69.7 degs. on 13th. The mean relative humidity corresponded with the 33-year normal. The mean 7 a.m. was 85% and mean 3 p.m. 68%. Lowest 7 a.m. 71 % on 13th, lowest 3 p.m. 54% on 2nd.

The sky was overcast on 13 occasions in the early forenoon, and on 20 occasions in the afternoon. The month was somewhat above the normal in cloudiness.

The rainfall for the upper boundary of Kingston was 3.33 ins. with 9 rainy days.

The mean number of Sunshine hours was 7.8.

Total evaporation for the month 5.76 inches. Mean Solar maximum temperature 139.6 degs. Maximum 145.5 on 5th.

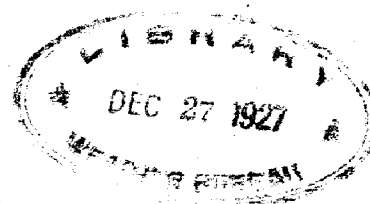
There was no Tropical Weather Disturbance, in the Caribbean, reported during September.

Kingston, October 19th, 1927.

J. F. BRENNAN,

Government Meteorologist.

No. 604.



JAMAICA
WEATHER REPORT.
FOR THE MONTH OF
OCTOBER, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds, cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max	Min.	Range.	Max.	Date.	Min.	Date.	Range.
ft.	in.	in.											
Morant Pt. Light House	8	29.868	29.830	80.5	83.2	86.0	74.4	11.6	89.7	1	69.5	10	20.2
Kingston	24	29.850	29.810	75.5	83.1	87.3	73.2	14.1	92.0	3	71.0	9	21.0
Negril Pt. Light House	33	29.845	29.808	77.0	83.8	88.0	73.7	14.3	92.0	5	70.6	9	21.4
Castleton Gardens	496			72.1	79.4	84.1	71.3	12.8	88.0	1*	67.0	8	21.0
Hope Gardens†	668	29.891	29.817	73.3	79.5	85.6	69.9	15.7	90.0	1*	67.0	9*	23.0
Stony Hill Indus. School	1,400			68.1	78.0	79.9	65.5	14.4	86.0	5	64.0	2*	22.0
Hill Gardens	4,900	25.197	25.173	63.5	64.8	69.3	57.3	12.0	71.0	3*	56.0	3*	15.0

STATIONS.	Elevation.	Dew Point and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.	
Morant Point Light House	874	68.2	82	75.0	76	18.59	195	Var.	10.0	Var.	9.0	3.0	1.5	3.1	3.3	2.8	1.6	
Kingston	247	71.4	87	73.8	74	10.56	153	E.NE	5.7	SE	10.5	2.3	1.2	2.3	7.5	0.8	1.0	
Negril Point Light House	337	72.6	86	74.2	73	20.25	243	NE	8.4	ESE	12.8	2.3	1.4	4.4	2.6	5.0	1.6	
Castleton Gdns.	496	70.3	94	76.1	90	24.36	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	68.2	84	72.8	80	16.47	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	66.3	94	74.8	90	19.82	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	60.3	89	62.4	92	26.13	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

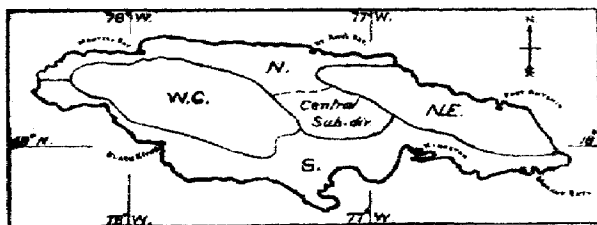
† Hope Gardens Bar., read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



October, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	22.75	3.19	25	23	17.28
Priestman's River	13.58	1.30	25	21	..
Fairy Hill	15.14	1.60	27	18	..
Bath	22.58	2.22	18	27	16.97
Millbank	24.37	3.06	29	20	..
Moore Town	15.68	3.00	10	29	19.92
Port Antonio	13.03	2.18	22	21	15.19
Passley Garden	11.98	2.50	20	23	..
Fellowship	10.75	2.29	8	15	17.63
Johnson River Br.	19.11	2.60	11	24	13.76
Trinity Ville	..	..	..	..	..
Shrewsbury	6.85	1.10	10	16	13.35
Hope Bay	9.01	1.80	24	19	..
Cedar Valley	17.52	3.13	28	22	14.30
Moy Hall	..	..	..	..	..
Paradise	5.84	1.28	24	19	..
Lennox	6.06	0.87	10	13	..
Greenvale	13.93	3.62	7	17	11.60
Spring Garden	5.88	1.50	3	15	7.73
Hill Gardens	26.13	5.60	17	23	17.20
Buff Bay	6.57	1.67	10	15	10.15
Belvedere, Portland	7.70	3.30	10	15	..
Windsor Castle do	6.19	1.10	10	15	8.63
Balcarres	15.92	3.77	2	18	..
Mt. Holstein	18.55	2.80	18	16	11.93
Cedar Hurst	5	3.1	18	24	..
Hardware Gap	26.36	4.30	17	18	15.11
Rose Hill	21.68	3.12	19	20	..
Hermitage	17.00	3.04	18	25	..
Stony Hill Ind. Schl	19.82	3.10	28	27	14.59
Iter Boreale	7.57	1.40	20	18	..
Enfield	9.41	1.43	18	19	..
Agualta Vale	16.73	4.50	21	20	6.17
NORTHERN DIVISION (N.)					
Port Maria	12.12	1.54	4	19	8.79
Sand Hill	..	..	..	..	..
Eden Park	11.30	1.34	29	23	..
Oracabessa	10.66	2.14	25	15	..
New Ramble	12.44	2.10	21	17	7.59
Huddersfield	9.07	1.52	28	16	..
Ocho Rios	11.18	2.35	21	15	5.82
Bogue, Ocho Rios	7.47	1.44	29	13	6.62
Drax Hall	9.01	2.05	21	15	7.20
Rockfield	7.17	1.18	29	19	..
Liberty Hill	7.50	1.10	29	12	6.57
St. Ann's Bay	7.35	1.13	29	18	6.93
Seville	8.24	1.35	30	13	6.95
Richmond Estate	7.28	1.30	17	14	7.49
Llandoverly	11.66	2.50	20	15	7.14
Runaway Bay	4.35	1.30	28	9	..
Knapdale	8.84	1.43	29	18	..
Alexandria	23.06	3.26	17	21	..
Brown's Town	11.58	1.85	10	19	8.58
Watt Town, St. Ann	16.82	2.04	20	19	..
Home Castle	..	..	..	..	6.77
Richmond Pen	8.70	1.70	8	15	7.02
Bryan Castle	9.30	1.85	28	16	5.64
Braco	8.55	1.50	28	14	5.25
Arcadia	..	..	..	..	6.24
Vale Royal	10.08	2.30	10	16	6.50
Harmony Hall	..	..	..	..	5.30
Colchis Pen	13.55	4.06	10	21	7.58
Duncans	9.47	1.55	28	15	..
Clark's Town	9.34	2.25	28	14	..
Carey Park	7.61	1.27	28	20	..
Falmouth	9.67	1.77	28	25	5.42
Canaan	16.91	2.20	19	21	8.84
Grange	15.75	2.50	19	11	..
Success	12.80	2.70	19	19	6.10

STATION.	October, 1927.					STATION.	October, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Rose Hall	13.40	2.55	19	20	6.31	Troy	22.38	4.20	28	28	15.91
Cinnamon Hill	14.20	2.45	19	20	6.72	Wallingford	23.30	3.10	28	23	13.18
Tryall	14.30	2.90	19	19	6.00	Balaclava	15.75	2.50	28	19	12.73
Running Gut	13.70	2.80	19	20	5.44	Appleton	17.42	2.68	19	21	..
Spring Estate	13.40	3.50	19	18	6.64	Deeside	19.76	3.10	13	24	..
Friendship	..	..	..	..	..	Maggotty	18.31	2.84	19	19	14.07
Retirement	..	..	..	..	..	Lacovia	18.52	3.68	28	16	..
Belfield	19.75	3.69	7	23	8.15	Ipswich	..	..	..	..	..
Montego Bay	14.92	2.87	19	23	7.65	Kempshot	20.23	2.30	21	25	9.44
Anchovy	7.33	0.97	19	27	..	Garlands	22.55	3.28	17	23	..
Blue Hole	11.47	5.59	19	24	..	Mocho, St. James	18.61	3.00	17	23	..
Kew	20.90	2.75	18	18	7.80	Bandon Pen	22.87	3.17	18	19	..
Lucca	19.38	2.87	18	19	8.08	Springfield, St. Eliz.	24.32	1.68	29	18	..
Haughton Court	21.71	3.03	18	19	6.85	Catadupa	19.95	3.26	17	25	..
Cousins Cove	22.21	2.40	17	21	..	Cambridge, St. Jas.	18.82	3.42	18	25	12.51
Green River	24.77	3.84	17	19	..	New Market	22.98	3.44	29	23	11.36
Green Island	24.43	3.72	17	22	..	Kew Park	22.44	4.60	18	23	11.91
Haughton Hall	23.93	3.35	17	24	..	Montpelier	18.05	3.30	18	22	..
CENTRAL SUB-DIVISION.						The Bog	23.41	3.71	28	23	11.91
Knollis	27.95	5.50	28	26	..	Bethel Town Dist.	23.84	2.80	17	24	..
Highgate	29.77	3.73	27	23	..	Burnt Ground	..	..	..	..	11.16
Rio Magno	19.08	4.50	28	21	..	Haughton Grove	..	..	..	..	11.56
Riversdale	22.99	4.76	28	23	..	Darlston	27.32	3.52	19	23	15.19
Headworks, R.C.C.	19.43	4.90	28	17	9.20	Knockalva	20.66	3.70	19	27	12.26
Berkshire Hall	19.83	4.50	28	15	6.72	Ramble	20.66	3.54	19	24	..
Bog Walk	18.29	3.60	28	19	..	Bluefields	..	..	..	..	11.45
Linstead	21.64	3.56	28	23	9.98	Whithorn	20.39	4.00	19	20	12.54
Cave Valley	16.97	3.40	17	23	9.81	Water Works Pen	18.53	3.26	29	21	10.18
Point Hill	24.40	5.00	28	22	15.59	Askenish	..	..	..	..	..
Bellas Gate	22.09	4.50	29	18	..	Grange Hill	23.26	3.10	7	24	12.71
Crofts Hill	24.61	4.81	29	19	10.06	King's Vale	15.85	2.26	17	22	9.79
Suttons	26.09	4.04	17	26	..	SOUTHERN DIVISION (S.)					
Chapelton	26.12	3.67	29	24	12.15	Morant Point L. H.	18.59	3.43	11	24	11.66
Crooked River	21.11	3.36	29	24	..	Golden Grove	..	..	..	..	..
Trout Hall	28.07	5.50	17	23	11.86	Pleasant Hill	18.20	2.05	11	29	..
James Hill	..	..	..	..	..	Phillipsfield	16.35	2.15	10	25	..
Frankfield	19.45	2.50	29	21	..	Bowden	17.09	4.09	11	26	..
WEST-CENTRAL DIVISION (W.C.)						East Prospect	14.84	4.40	11	24	12.58
Mocho, Clarendon	22.07	3.50	18	18	13.43	Morant Bay	14.92	3.64	11	22	12.84
Clarendon Park	17.93	3.65	29	14	..	Aeolus Valley	16.00	1.00	7	22	..
Spaldings	18.92	2.70	29	24	..	Yallahs	11.80	3.05	29	15	..
Williamsfield	28.18	4.35	28	26	..	Easington	6.46	3.03	13	21	12.55
Brokenhurst	28.61	4.62	28	25	14.12	Norris	13.36	3.00	28	16	..
Shooters Hill	22.08	4.60	28	21	12.21	Mavis Bank	21.11	4.00	17	12	..
Lowe River	11.51	2.225	28	19	13.47	Bull Bay	10.00	2.10	29	11	8.24
Christiana	16.72	3.08	28	27	11.47	Bellevue	18.68	4.27	17	13	10.39
Clifton Hill	27.57	6.28	28	19	..	Gordon Town	17.94	3.83	18	22	13.00
Kendal, Manchester	23.50	4.25	28	23	14.08	Irish Town	17.48	3.50	18	19	10.87
Battersca	..	..	..	..	..	Hope Gardens	16.47	3.40	17	21	9.74
Blenk House	21.83	4.33	26	25	..	Ivor	11.00	1.85	18	20	..
Mereworth	..	..	..	..	..	Plumb Point L. H.	13.01	3.35	28	18	7.21
Mandeville	23.55	4.66	28	26	15.28	King's House Gar.	12.80	2.00	28	13	9.07
Chudleigh	..	..	..	..	10.70	N.E. Kingston	12.36	2.45	28	18	5.91
Ulster Spring	19.06	6.30	13	22	11.67	Upper Kingston	12.16	3.35	28	20	..
Marshall's Pen	22.08	4.06	*28	24	12.25	Kingston P.W.O.	10.56	2.23	28	17	7.46
Greenvale	15.33	2.80	17	21	..	Halfway Tree	13.91	2.21	28	22	8.56
Albert Town	20.99	4.48	13	16	13.08	Clifton Pen	10.31	1.90	28	16	7.23
Warsop	23.01	3.37	6	28	..	..	..	..	..	..	..

* Gauge overflowed.

STATION.	October, 1927.					STATION.	October, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.	SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.
Farm I.						Great Valley, Man.	18.66	5.58	28	19	10.67
Quarantine Station	12.84	2.85	21	15	5.15	Alligator Pond	16.41	7.18	28	13	7.64
Cumberland Pen						Fairfield	20.58	5.18	28	28	10.62
Watson Grove	12.60	2.40	22	11		Lititz	24.47	6.40	28	21	5.89
Great Salt Pond	11.57	2.05	29	17		Myersville	19.93	4.50	28	18	
Hematine	13.79	3.71	28	19		Gilnock	18.14	3.12	28	20	
Spanish Town	14.91	4.09	28	16	8.79	Southfield, St. Eliz.	24.56	6.00	28	18	6.24
The Stewartry	17.36	4.62	28	19		Bethlehem, St. Eliz.	19.22	3.40	17	19	11.41
Hog Hole, St. Cath.	17.93	4.73	28	19	9.33	Torrington	17.00	3.70	28	20	10.57
Hartlands	14.14	4.40	28	15	7.57	Santa Cruz	15.40	1.98	18	19	12.21
Amity Hall	14.96	4.55	28	19		Pedro Plains	14.53	3.70	28	20	5.37
Bushy Park	13.29	3.60	28	18		Mountainside	17.07	2.80	28	14	
Old Harbour	15.43	4.16	28	15	10.18	Fort Charles	11.10	3.67	28	15	
May Pen	16.79	3.75	28	22	10.61	Black River	12.15	2.33	28	18	8.38
Glen Muir	20.50	5.50	28	10		Font Hill	18.75	5.20	28	16	8.78
Dry River, Vere	17.58	4.00	28	20	9.00	Mount Edgecombe	18.23	3.66	19	23	9.84
New Yarmouth					8.74	Sweet River	24.90	4.72	29	23	9.64
Cottage	15.80	3.44	28	21		Sav.-la-Mar	17.86	4.00	28	21	8.54
Belle Plain	22.75	4.23	28	17		Orchard	17.98	2.78	28	24	6.80
Milk River	14.52	4.33	28	13	8.55	Little London	19.67	3.24	24	22	
Retrieve	13.00	2.22	26	20		Retreat	21.16	3.53	28	18	10.07
Hog Hole, S. Man.	21.17	5.10	29	14		Negril Point L. H.	20.25	4.74	19	22	8.11
Stone's Hope	28.64	5.76	28	22	12.43						
Newport, Man.	26.43	4.75	28	23	12.04						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	October.	
	1927.	Average.
	In.	In.
North-Eastern Division	15.65	12.34
Northern	14.65	7.46
West-Central	20.95	12.19
Southern	16.90	9.56
The Island	17.04	10.39

SHOCKS OF EARTHQUAKE IN OCTOBER, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
11th	8.00 p.m.	I	Fairfield Orchard
16th	7.25 "	I	Unity Valley Braço Bryan Castle Colchis Pen
			Canaan Montego Bay Kempshot
30th	3.00 "	I	Canaan Montego Bay

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The Mean Rainfall for the month was much above the average in all Divisions, and the excess of nearly 7 ins. almost makes up for the deficiency during the preceding nine months.

While the greatest precipitation appears to have taken place from the 17th to the 19th, and again on the 28th and 29th, due to the proximity of Tropical Weather Disturbances, the rainfall was generally well distributed, as the average number of rainy days was 20, 19, 22 and 19 in the North-Eastern, Northern West-Central and Southern Divisions, respectively, giving an average of 20 for the Island. The greatest number of rainy days was 29 at Moore Town in the North-Eastern Division and at Pleasant Hill in the Southern Division.

The greatest total fall for the month was 39.27 ins. at Zion Hill in the North-Eastern Division, and the heaviest fall in 24 hours was 7.18 ins. at Alligator Pond in the Southern Division on the 28th.

High winds, accompanied by heavy rains and thunderstorms, were experienced in several parts of the Island, particularly in the north-eastern, northern, central and western parishes, on the 18th and 19th and again on the 28th and 29th, which caused considerable damage to bananas and other cultivations.

The Mean Rainfall in each parish is tabulated below.

	Inches.		Inches.
Kingston ..	12.02	St. James ..	16.44
St. Andrew ..	17.60	Hanover ..	21.01
St. Thomas ..	15.91	Westmoreland ..	21.01
Portland ..	12.23	St. Elizabeth ..	18.57
St. Mary ..	12.85	Manchester ..	22.02
St. Ann ..	11.59	Clarendon ..	20.82
Trelawny ..	13.88	St. Catherine ..	18.97

AT KINGSTON.

The rainfall for October was much in excess of the normal and shewed 42% above. The actual fall being 10.56 inches, as compared with 50-year normal of 7.46 ins. The greatest fall in 24 hours was 2.23 ins. on 28th with 17 rainy days. Rain was observed on the nearby hills to northward almost each day of the month, to north-east on 3 days, south-east and south on 4 days, to west and north-west 2 days. The deficiency to the end of October now amounts to 6.09 ins.

The mean of the daily miles of wind registered was 153 as compared with the 20-year average of 154. The maximum miles of wind in one day was 301 on 18th, and minimum 84 on 20th. South-easterly wind commenced early on 18th, 28th, and 30th, and continued late into the evenings of 1st, 18th, 26th and 29th. South-easterly rain-squalls occurred on 8th, 9th, 12th, 18th, 29th and 30th.

Distant thunderstorms were observed on 12 days to north, 1 day to north-east, 1 day east-south-east, 1 day to south, 2 days to south-west and 3 days to north-west. Distant lightning seen on 17 nights during the month. Vivid lightning to north-east and west on the night of 1st.

The mean barometric pressure was 29.842 ins.; the 33-year normal being 29.866 ins. There was low pressure about the 17th and 18th and again about the end of the month occasioned by tropical disturbances in the neighbourhood. The lowest barometer reading was 29.699 ins. on 17th at 5 p.m. Then on the 30th at 4.30 a.m. the pressure fell to 29.763 ins. (corrected for D.V.). The highest barometer reading was 29.949 ins. on 23rd at 7 a.m. The mean temperature based on 4 observations per day was 79.3 degs. or 0.1 deg. below the 33-year normal. The first half of the month was 1.2 deg. above that of the second half. Max. temperature was below 90 degs. on 25 days. Min. temp. was above 70 degs. throughout. Highest Max. 92.0 degs. on 3rd. Lowest Min. 71.0 degs. on 9th. The mean relative humidity was 2% above the 33-year normal, owing to excess of rain and cloudiness. The mean 7 a.m. was 87% and mean 3 p.m. 74%. Lowest 7 a.m. 76% on 1st, and lowest 3 p.m. 58% on 16th.

The sky was overcast on 16 occasions in the early forenoon, and 27 occasions in the afternoon.

The rainfall for the upper boundary of Kingston was 12.16 ins. with 20 rainy days.

The mean number of daily sunshine hours was 6.1.

Total evaporation for the month was only 3.75 ins. attributable to the heavy rainfall. Mean solar maximum temp. 133.7 degs. The extreme 145.1 degs. on 3rd.

TROPICAL DISTURBANCES.

On October 17th the United States Weather Bureau cabled that there was a tropical disturbance noticed about Lat. 18 degs. N. and Long. 85 degs. W., apparently moving slowing north-eastwards. This disturbance proceeded upon a track in the vicinity of Cayman Islands, but although being of minor intensity the barometric pressure was very low over these Islands. There was no excessive wind or ground swell, and only heavy rains were experienced. On the 18th the centre was about Lat. 19½ degs. N. and Long. 79 degs. W., moving east-north-easterly and was of slight intensity. On the 19th it continued to be slight and was central in Lat. 20 degs. N. and Long. 78 degs. W. Later on the disturbance passed over eastern Cuba through the Provinces of Camaguey and Oriente, with little damages, thence through the Bahama Islands Group, attended by fierce squalls in Lat. 23 degs. N. and 74½ degs. W. Long. and proceeding into the Atlantic Ocean. At Negril Point the pressure continued low and fell to 29.639 ins. on the 18th at 9 a.m., with wind changing from south-east to south and then to south-west on 18th and 19th with rain-squalls registering 36 miles per hour at 1 p.m. on 17th and about noon on 18th.

At Kingston the lowest barometric pressure was 29.699 ins. on 17th at about 5 p.m. The wind was generally about S.E. varying from 12 to 15 miles per hour. It has been reported that at some districts on the northside of the Island heavy gales were experienced, and some damages sustained to banana cultivation.

On the 29th there was some evidence of a depression to the S.W. of Jamaica. The pressure at Negril Point fell to 29.726 ins. on 30th at 7 a.m. with wind of gale force, and there was a general low pressure along the southern coast of Cuba. This disturbance, however, did not appear to organize, but occasioned gales at some other places.

Then at about the same time on the 28th the U.S.W.B. reported from Washington another tropical disturbance of slight intensity apparently moving westerly or west-north-westerly, over St. Lucia, Windward Islands, on 28th. This depression continued as one of minor intensity in a west-north-westerly direction. On Nov. 1st it was near to Porto Rico, but of slight intensity, and evidently did not develop.

At Morant Point the wind on 18th at 7 a.m. was south-west at 30 miles per hour, and on 28th at 24 miles per hour.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
November 23rd, 1927.

No. 605.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

NOVEMBER, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds, cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.			Temperature.					Extreme Temperature.				
		7 a.m.		3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
		ft.	in.	in.										
Morant Pt. Light House	8	29.906	29.869	79.2	82.2	83.7	75.2	8.5	87.0	1	67.0	18	20.0	
Kingston	24	29.888	29.839	72.9	84.4	86.5	71.6	14.9	90.6	10	68.6	23	22.0	
Negril Pt. Light House	33	29.900	29.851	76.6	83.9	87.0	73.9	13.1	91.9	28	68.6	13*	23.3	
Castleton Gardens	496			72.4	77.6	80.6	71.5	9.1	87.0	2*	69.0	19*	18.0	
Hope Gardens†	668	29.915	29.833	73.4	84.0	85.3	68.4	16.9	88.0	16*	65.0	23	23.0	
Stony Hill Indus. School	1,400			68.1	77.6	78.9	65.4	13.5	83.0	11	64.0	4	19.0	
Hill Gardens	4,900	29.192	25.172	62.9	65.4	68.3	56.8	11.5	74.0	3	55.0	22*	19.0	

STATIONS.	Elevation.	Dew Point and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.						
		7 a.m.		3 p.m.					7 a.m.		3 p.m.		7 a.m.		3 p.m.				
		ft.	°	%	°	%			in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point																			
Light House	8	72.1	79	72.6	73	2.71	351	N.E.	16.0	N.N.E	18.0	2.4	1.1	2.1	2.4	1.4	2.0		
Kingston	24	69.0	88	71.5	66	2.85	125	N.N.E	4.6	S.W	6.6	1.4	0.8	3.4	3.1	1.9	1.6		
Negril Point																			
Light House	33	71.0	83	73.1	70	1.73	267	N.N.E	11.0	N.N.E	10.9	1.5	2.0	3.9	1.0	4.5	1.8		
Castleton Gdns.	496	70.6	94	73.8	88	37.25	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69.9	89	75.1	75	10.45	..	..	..	..	..	..	..	..	..	..	..
Stony Hill																			
Indus. School	1,400	65.3	91	74.7	91	16.89	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	59.7	89	61.7	88	24.56	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

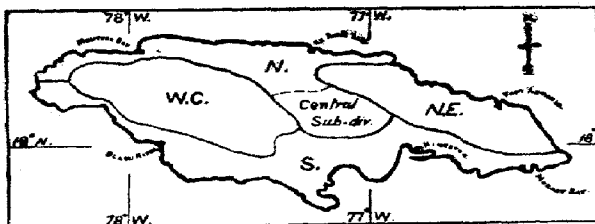
† Hope Gardens Bar., read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West-Central Divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



November, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)					
	In.	In.			In.
Manchioneal ..	1.00	0.23	30	5	15.25
Priestman's River ..	3.53	0.80	25	11	..
Fairy Hill ..	3.22	0.28	28	12	..
Bath ..	7.75	1.95	22	13	15.19
Millbank ..	55.88	7.38	21	19	..
Moore Town ..	44.53	5.00	23	22	34.65
Port Antonio ..	5.01	0.85	14	17	16.99
Passley Garden ..	6.56	1.52	4	17	..
Tellowship ..	17.25	4.77	25	21	27.59
Johnson River Br. ..	2.85	1.30	22	8	9.55
Trinity Ville ..	4.92	3.36	23	7	..
Shrewsbury ..	31.10	3.90	21	24	30.70
Hope Bay ..	11.10	2.37	4	22	..
Cedar Valley ..	8.79	6.00	22	7	14.64
Moy Hall ..	15.23	9.70	22	12	..
Paradise ..	27.28	3.00	12	3	..
Lennox ..	10.51	1.89	5	17	..
Greenvale ..	63.81	8.20	6	21	32.26
Spring Garden ..	12.15	2.10	14	21	15.39
Hill Gardens ..	24.56	8.10	22	15	16.16
Buff Bay ..	11.44	2.30	12	21	16.66
Belvedere, Portland ..	21.88	3.00	5	19	..
Windsor Castle do ..	11.40	2.50	24	15	14.82
Balcarras ..	75.13	10.35	5	19	..
Mt. Holstein ..	88.12	17.10	23	15	28.05
Cedar Hurst ..	42.53	10.54	22	21	..
Hardware Gap ..	44.00	15.32	22	15	16.71
Rose Hill ..	26.64	11.33	22	16	16.45
Hermitage ..	17.24	7.65	22	16	..
Stony Hill Ind. Schl ..	16.89	7.16	22	18	8.22
Iter Boreale ..	11.75	3.26	24	22	..
Enfield ..	39.61	5.30	5	27	..
Agualta Vale ..	14.42	3.05	24	18	11.65

November, 1927.

STATION.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average
		Amount.	Date.		
NORTH-EASTERN DIVISION, contd.	In.	In.			In.
Castleton Gardens	37.25	6.18	26	20	16.32
Water Valley	13.06	3.00	24	18	10.79
Albany	14.10	2.60	24	24	..
Lawrence Tavern	15.70	4.80	24	9	9.87
Platfield	..	..	..	..	14.06
Richmond, St. Mary	18.19	3.01	11	24	12.06
Quebec, St. Mary	9.75	1.83	24	14	9.35
Zion Hill	12.32	3.00	25	12	..
Carew Castle	10.99	3.78	24	11	10.70
Hampstead, St. Mary	16.46	2.84	24	22	19.57
Windsor Castle do	32.12	4.20	11	22	..
Troja	11.90	2.00	24	16	..
Pear Tree Grove	13.27	3.00	24	17	..
Guys Hill	20.14	3.20	24	16	..
Lucky Hill	20.08	3.14	6	22	16.28
Rio Hoe	20.15	3.80	24	16	10.66
Unity Valley	16.17	4.57	24	21	10.38
Moneague	18.79	4.78	24	25	12.07
Claremont	24.21	4.93	6	19	12.57
Averham Park	31.95	5.00	25	21	13.50
Albion	20.91	3.72	24	22	10.57
NORTHERN DIVISION (N.)					
Port Maria	12.00	3.38	24	11	11.30
Sand Hill	..	..	..	..	..
Eden Park	12.87	3.71	24	17	..
Oracabessa	9.24	2.20	14	10	..
New Ramble	..	..	..	..	10.42
Huddersfield	7.42	2.09	14	6	..
Ocho Rios	9.03	1.75	15	13	10.73
Bogue, Ocho Rios	11.25	2.52	23	15	14.22
Drax Hall	8.70	1.75	14	13	..
Rockfield	3.24	3.71	24	15	16.63
Liberty Hill	11.06	2.25	25	18	12.66
St. Ann's Bay	10.29	2.92	24	22	10.13
Seville	10.43	2.26	24	16	10.80
Richmond Estate	11.66	2.21	24	19	10.14
Llandoverly	11.27	2.88	19	13	10.01
Runaway Bay	4.66	1.95	19	8	..
Knapdale	19.84	2.50	26	21	..
Alexandria	8.88	1.90	20	13	..
Brown's Town	23.48	4.42	26	25	12.12
Watt Town, St. Ann	5.96	1.65	24	10	..
Home Castle	12.47	2.30	20	16	9.01
Richmond Pen	3.90	1.00	22	8	6.66
Bryan Castle	6.20	2.10	19	15	6.92
Braco	4.80	1.90	19	15	6.32
Arcadia	..	..	..	..	7.59
Vale Royal	..	..	..	..	7.98
Harmony Hall	2.96	0.55	23	17	6.47
Colchis Pen	12.81	2.25	26	24	6.06
Duncans	4.23	1.00	19	9	..
Clark's Town	14.22	4.00	26	14	..
Carey Park	4.33	1.35	19	13	..
Falmouth	3.86	1.70	6	17	5.26
Canaan	10.31	3.70	26	16	6.88
Grange	1.75	0.60	24	5	..
Success	3.25	0.65	25	8	5.38

STATION.	November, 1927.					STATION.	November, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Rose Hall	2.65	0.60	24	9	5.78	Troy	6.70	1.50	17	12	6.66
Cinnamon Hill	1.90	0.50	24	8	5.67	Wallingford	5.91	1.92	3	7	7.39
Tryall	2.15	0.80	24	8	4.28	Balaclava	2.43	0.90	16	5	6.30
Running Gut	3.10	0.80	24	9	5.38	Appleton	...	...	...	...	...
Spring Estate	3.35	0.95	24	9	6.32	Deeside	8.50	3.07	26	12	...
Friendship	...	...	...	...	...	Maggotty	1.44	0.51	11	4	7.08
Retirement	...	...	...	...	6.39	Lacovia	4.47	2.70	6	5	...
Belfield	7.03	3.60	26	15	7.40	Ipswich	0.58	0.46	22	2	...
Montego Bay	2.87	1.29	26	15	5.27	Kempshot	10.32	3.52	24	13	6.64
Anchovy	1.33	1.00	26	6	5.54	Garlands	5.48	1.66	20	9	...
Blue Hole	10.06	3.84	26	12	...	Mocho, St. James	5.09	1.14	19	11	...
Kew	5.70	2.50	26	5	5.16	Bandon Pen	12.36	2.92	26	11	...
Lucea	6.57	3.87	26	10	6.05	Springfield, St. Eliz.	3.00	1.21	17	5	...
Haughton Court	...	...	...	...	4.54	Catadupa	3.79	1.34	16	9	...
Cousins Cove	4.73	0.72	6	10	...	Cambridge, St. Jas.	3.07	0.91	6	11	5.14
Green River	...	...	...	...	...	New Market	5.24	1.48	14	9	8.16
Green Island	1.98	0.83	26	7	...	Kew Park	2.58	0.88	17	8	5.70
Haughton Hall	1.08	0.32	26	9	...	Montpelier	6.31	2.00	6	7	...
CENTRAL SUB-DIVISION.						The Bog	6.27	2.04	8	12	6.92
Knollis	6.38	2.30	24	11	...	Bethel Town Dist.	4.51	1.31	17	7	...
Highgate	9.54	3.68	22	8	...	Burnt Ground	5.89	2.85	6	9	6.01
Rio Magno	13.73	2.13	26	19	...	Haughton Grove	...	...	...	...	5.22
Riversdale	12.36	2.42	23	16	...	Darliston	2.25	0.68	17	7	7.43
Headworks, R.C.C.	5.49	3.71	22	4	5.11	Knockalva	6.53	3.10	17	11	6.33
Berkshire Hall	...	...	...	...	8.50	Ramble	6.56	2.19	6	9	...
Bog Walk	3.60	0.90	24	5	...	Bluefields	...	...	...	...	6.67
Linstead	6.98	1.68	23	16	6.82	Whithorn	2.51	1.50	6	7	6.39
Cave Valley	3.43	1.15	17	8	5.36	Water Works Pen	1.18	0.46	6	6	6.49
Point Hill	6.73	2.00	22	12	11.22	Askemish	3.18	1.50	27	6	...
Bellas Gate	1.57	1.39	22	2	...	Grange Hill	1.80	0.72	6	7	5.74
Crofts Hill	4.30	1.90	17	8	7.64	King's Vale	1.86	1.12	26	3	5.55
Suttons	0.95	0.38	20	7	...	SOUTHERN DIVISION (S.)					
Chapelton	1.69	0.39	2	12	4.90	Morant Point L. H.	2.71	1.17	11	8	8.24
Crooked River	0.81	0.32	17	5	...	Golden Grove	...	...	...	...	...
Trout Hall	...	...	...	...	9.82	Pleasant Hill	2.50	0.83	11	14	...
James Hill	2.35	0.69	23	7	...	Phillipsfield	2.07	0.80	11	10	...
Frankfield	2.12	0.74	23	6	...	Bowden	2.72	1.74	11	13	...
WEST-CENTRAL DIVISION (W.C.)						East Prospect	2.72	1.36	11	6	11.88
Mocho, Clarendon	0.72	0.72	9	1	6.13	Morant Bay	1.74	1.26	11	4	7.28
Clarendon Park	1.18	0.90	10	2	...	Aeolus Valley	3.02	0.50	22	6	...
Spaldings	3.27	0.87	16	9	...	Yallahs	0.72	0.54	22	2	...
Williamsfield	0.92	0.60	15	5	...	Easington	2.83	1.65	22	8	6.02
Brokenhurst	1.85	1.17	11	4	7.94	Norris	2.59	1.25	23	6	...
Shooters Hill	1.43	0.76	6	4	8.37	Mavis Bank	13.26	8.24	22	5	...
Lowe River	7.46	4.06	17	9	8.82	Bull Bay	2.00	2.00	22	1	3.41
Christiana	2.46	0.92	6	17	6.98	Bellevue	12.63	8.41	22	13	15.73
Clifton Hill	0.75	0.35	16	3	...	Gordon Town	12.36	8.90	22	11	9.79
Kendal, Manchester	1.08	0.62	6	4	7.08	Irish Town	13.77	8.50	22	12	10.16
Battersea	...	...	...	...	...	Hope Gardens	10.45	8.50	22	10	5.95
Bleak House	1.41	0.25	23	10	...	Ivor	10.92	8.00	22	10	...
Mereworth	2.22	0.80	12	7	...	Plumb Point L. H.	0.67	0.58	22	4	2.56
Mandeville	1.25	0.23	25	7	7.47	King's House Gar.	5.10	3.00	22	5	5.32
Chudleigh	...	...	...	...	...	N.E. Kingston	3.81	3.14	22	8	5.57
Ulster Spring	8.33	1.43	19	16	7.78	Upper Kingston	4.49	3.58	22	8	...
Marshall's Pen	1.70	0.98	6	5	6.98	Kingston P.W.O.	2.85	2.32	22	5	3.03
Greenvale	0.90	0.52	17	4	...	Halfway Tree	5.90	4.62	22	13	4.40
Albert Town	6.42	2.30	20	8	8.40	Clifton Pen	4.49	3.98	22	5	6.28
Warsop	6.31	1.27	19	14	...						

* Gauge overflowed.

STATION.	November, 1927.					STATION.	November, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.	SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.
Farm I.						Great Valley, Man.	2.02	0.70	8	7	4.89
Quarantine Station	1.44	0.75	15	3	3.03	Alligator Pond					3.70
Cumberland Pen						Fairfield	2.64	0.80	15	15	7.17
Watson Grove						Lititz	2.63	0.72	6	7	4.68
Great Salt Pond						Myersville	5.00	3.45	6	8	
Hematine	4.15	1.91	22	10		Gilnock	3.70	1.04	6	8	
Spanish Town	4.57	2.30	22	10	3.90	Southfield, St. Eliz.	2.26	0.99	11	10	5.07
The Stewartry	5.78	4.36	22	6		Bethlehem, St. Eliz.	3.43	1.53	6	9	7.36
Hog Hole, St. Cath.	5.79	4.29	22	6	4.80	Torrington	5.92	3.05	6	8	6.93
Hartlands	4.02	1.35	6	7	5.69	Santa Cruz	5.59	1.69	6	9	6.19
Amity Hall	3.46	1.21	6	7		Pedro Plains	4.28	1.53	14	14	4.35
Bushy Park	3.10	0.85	22	6		Mountainside	5.67	1.50	13	8	
Old Harbour	4.64	1.50	6	7	4.81	Fort Charles	5.56	3.55	6	11	
May Pen	4.48	1.59	12	9	4.92	Black River	5.85	1.55	13	9	4.34
Glen Muir	3.20	1.80	22	3		Font Hill	6.80	1.70	11	9	4.79
Dry River, Vere	0.62	0.32	15	4	6.39	Mount Edgecombe	6.95	1.35	11	12	4.94
New Yarmouth					3.93	Sweet River	0.77	0.30	14	6	3.92
Cottage	0.77	0.27	15	5		Sav.-la-Mar	3.09	1.25	12	6	3.86
Belle Plain	2.33	0.50	15	6		Orchard	3.15	1.35	14	6	4.72
Milk River	1.05	0.56	20	4	5.97	Little London	1.47	0.61	11	7	
Retrieve	4.51	1.43	11	5		Retreat	0.99	0.31	6	4	4.98
Hog Hole, S. Man.	4.51	1.43	11	5		Negril Point L. H.	1.73	0.70	12	9	4.30
Stone's Hope	3.82	0.67	12	9	5.84						
Newport, Man.	2.97	0.75	15	9	7.48						

NOTES.

SHOCKS OF EARTHQUAKE IN NOVEMBER, 1927.

COMPARATIVE TABLE OF RAINFALL (Based upon the "Average" Stations only.)				Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	November.			16th	2.47 a.m.	I	Kingston—Direction S.E.—N.W. Horizontal movement 0.010 inch. Duration 2 seconds.
	1927.	Average.		16th	2.10 "	I	Hagley Gap.
	In.	In.		16th	3.15 "	I	Woodford—4 secs.
North-Eastern Division	..	22.04	16.22				
Northern	..	7.41	6.74				
West-Central	..	3.80	6.48				
Southern	..	4.28	5.35				
The Island	..	9.38	8.70				

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND.

The rainfall for the month was much above the average in the N.E. Division, slightly above in the Northern, and below in the West-Central and Southern Divisions. The total for 11 months shewed a slight increase over the average.

The rainfall was fairly well distributed, but the greatest falls took place on the 6th and the 22nd. The average number of rainy days was 19, 12, 8 and 8 in the North-Eastern, Northern, West-Central and Southern Divisions respectively, giving an average of 12 for the Island. The greatest number of rainy days was 27 at Enfield in the North-Eastern Division and the greatest total fall 88.22 ins. occurred at Mount Holstein in the North-Eastern Division. There were also heavy monthly totals, at Balcarres 75.13 ins., and Greenvale 63.81 ins., both in the N.E. Division. The greatest fall in 24 hours 17.10 ins. occurred at the same place on the 23rd.

Abnormal rainfall was experienced in several parts of the Island particularly in the North-Eastern Division causing damage to roads, bridges and cultivations. The western approach of the Hope River Bridge on the Windward Road was badly damaged on the night of the 22nd.

The mean rainfall in each parish is tabulated below:

	Inches.		Inches.
Kingston	2.96	St. James	4.78
St. Andrew	14.74	Hanover	5.23
St. Thomas	4.29	Westmoreland	2.74
Portland	23.98	St. Elizabeth	4.19
St. Mary	18.32	Manchester	5.93
St. Ann	14.23	Clarendon	1.92
Trelawny	6.94	St. Catherine	7.91

LUNAR RAINBOWS.

Major B. F. Caws, of Trinity Ville, has given an account of having witnessed, in the month of November, at Island Head House, in the parish of St. Thomas, six lunar rainbows on different occasions, as follow: (1) on Sunday 6th at 2.10 a.m., (2) four on 7th between 1.10 and 3 a.m., (3) and one on 8th at about 2 a.m. The rainbow of the 6th appeared with grey bands instead of colours. The first one seen on 7th the Moon was fairly high above the horizon. The one seen about one hour later shewed the outer edge red and inner blue clear round the circular segment. The third bow lasted for over 20 minutes, this was obscured by nearby rain to be again seen about 10 minutes later, followed by another bow still later on. One had a secondary bow at its southern end, like a narrow ribbon of luminous cloud, but still distinctly a bow. It may be stated that the Full Moon Phase was on the 9th. The above mentioned bows were, therefore, seen to eastward in the early morn.

AT KINGSTON.

The rainfall for November was 6 per cent. below the average, being 2.85 inches as compared with the 50-year normal of 3.03 ins. The greatest fall in 24 hours was 2.32 ins. on 22nd. There were 5 rainy days. Rain was observed on the nearby hills to northward on 10 days, to north-east on 4 days and to south-east on one day.

The mean of the daily miles of wind registered was 125 as compared with the 20-year normal of 136. Maximum miles of wind in one day was 216 on 21st, minimum 80 on 1st. South-east wind commenced early on 29th. There was a south-east rainsquall on 11th. "Northers" varying from gentle to fresh prevailed on 4th, 7th, 20th, 21st and 22nd.

Distant thunderstorm was observed on 4 days to northward. Then a local moderate thunderstorm occurred at intervals on 22nd, lasting about 8 hours; from 1.30 to 9.30 p.m. Distant lightning was seen on 2 nights each to north-east and to south-east.

Mean barometric pressure was 29.875 ins.: the 33-year normal being 29.892 ins. There was low pressure on 17th, when at 7 a.m. the pressure fell to 29.791 ins. Highest barometer reading was 29.967 ins. on 22nd at 3 p.m. The mean temperature, based upon four observations per day was 78.3 degrees which corresponded with the 33-year mean. The first half of the month, however, was 1.3 deg. higher than the second half. Maximum temperature was below 90 degs. on 29 days. Minimum temp. above 70 degs. on 25 days. Highest Max. 90.6 degs. on 10th, and lowest Min. 68.6 degs. on 23th. Mean relative humidity corresponded with the 33-year normal. The mean 7 a.m. was 88 per cent., and mean 3 p.m. 66 per cent. Lowest 7 a.m. 67 per cent. on 21st, and lowest 3 p.m. 53 per cent. on 10th.

The sky was overcast in the early morning on 16 occasions, and in the afternoon on 15 occasions.

Lunar halos were seen on 6th, 7th, 9th, 10th and 11th.

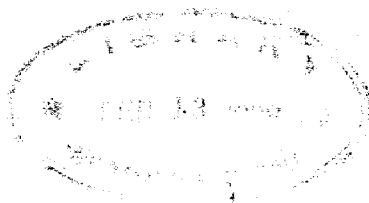
A slight shock of earthquake was felt on 16th at 2 hours. 47 mins. a.m.; direction SE-NW; 0.010 inch horizontal movement and duration about 2 seconds.

There was no tropical disturbance in the Caribbean, reported in November.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
December 22nd, 1927.

No. 606.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF DECEMBER, 1927.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.			Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.		7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.											
Morant Pt. Light House	8	29.990	29.952	78.2	80.5	81.9	75.4	6.5	83.7	8	68.0	4	15.7	
Kingston	24	29.962	29.909	68.9	83.9	85.3	67.9	17.4	87.6	10	65.2	7	22.4	
Negril Pt. Light House	33	29.971	29.920	71.6	84.4	86.6	69.3	17.3	90.4	10	65.6	24	24.8	
Castleton Gardens	496			67.5	77.0	78.5	66.5	12.0	82.0	19	61.0	31	21.0	
Hope Gardens†	668	30.006	29.922	71.7	83.0	84.9	63.9	21.0	87.0	1	61.0	5	26.0	
Stony Hill Indus. School	1,400			67.8	78.0	79.2	65.7	13.5	83.0	28*	64.0	12	19.0	
Hill Gardens	4,900	25.281	25.258	62.4	64.6	68.5	54.4	14.1	71.0	1	53.0	15*	18.0	

STATIONS.	Elevation.	Dew Point and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.	3 p.m.						7 a.m.	3 p.m.			7 a.m.	3 p.m.				
	ft.	°	%	°	%	in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.	
Morant Point																		
Light House	8	69.4	74	69.1	68	0.95	346	N.N.E	16	N.N.E	16	2.2	1.4	0.6	2.2	2.2	0.3	
Kingston	24	64.0	85	67.8	59	0.00	134	N.	5.2	S.S.E	8.6	0.2	0.2	1.7	1.6	2.4	0.4	
Negril Point																		
Light House	33	65.7	82	69.3	61	0.21	234	N.E	8.2	N.E	11.6	1.0	0.4	1.9	0.2	3.6	0.3	
Castleton Gdns.	496	65.7	94	72.8	87	4.61	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	67.0	85	70.5	66	0.22	..	..	..	..	..	..	..	..	..	..	..
Stony Hill																		
Indus. School	1,400	64.6	90	75.6	92	0.68	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	57.6	84	61.6	88	1.65	..	..	..	..	..	..	..	..	..	..	..

* And on other days.

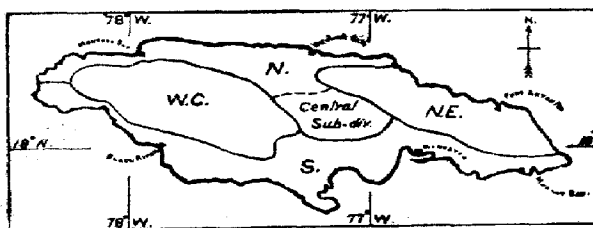
† Hope Gardens Bar., read at 9 a.m. and 3 p.m.

THE RAINFALL.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each division. These results are given in the comparative table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.



STATION.	December, 1927				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Amount.	Date.			
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	1.00	0.53	31	4	8.11
Priestman's River	1.33	0.30	13	7	..
Fairy Hill	0.71	0.30	3	7	..
Bath	1.91	0.76	2	8	9.21
Millbank	14.01	3.00	11	16	..
Moore Town	12.28	2.00	26	21	26.08
Port Antonio	1.88	0.50	8	9	13.57
Passey Garden	1.93	0.36	13	17	..
Fellowship	4.24	0.80	22	15	20.04
Johnson River Br.	0.38	0.18	15	3	5.24
Trinity Ville	0.30	0.30	22	1	..
Shrewsbury	9.60	1.95	28	16	21.12
Hope Bay	3.33	0.62	22	18	..
Cedar Valley	0.69	0.53	2	2	5.17
Moy Hall	0.54	0.45	15	2	5.89
Paradise	8.33	2.05	28	18	..
Lennox	3.71	0.63	9	14	..
Greenvale	11.89	4.70	13	13	25.12
Spring Garden	2.57	0.55	22	12	11.91
Hill Gardens	1.65	1.00	9	6	10.30
Buff Bay	3.36	0.71	22	18	12.66
Belvedere, Portland	8.39	2.40	28	14	..
Windsor Castle do	2.21	0.55	21	10	12.59
Balcarras	12.53	4.40	12	12	..
Mt. Holstein	12.88	4.25	12	10	18.45
Cedar Hurst	3.73	1.47	12	13	..
Hardware Gap	3.25	1.35	12	4	6.90
Rose Hill	1.28	0.43	8	5	5.04
Hermitage	0.57	0.22	8	4	..
Stony Hill Ind. Schl	0.68	0.39	2	4	4.19
Iter Boreale	..	..	..	..	..
Enfield	7.05	2.54	28	16	..
Agualta Vale	2.28	0.81	9	8	10.44

STATION.	December, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Amount.	Date.			
NORTH-EASTERN DIVISION, contd.					
Castleton Gardens	4.61	2.00	12	8	13.09
Water Valley	1.90	0.70	22	8	10.30
Albany	3.11	1.45	22	14	10.17
Lawrence Tavern	0.00	0.00	0	0	4.85
Richmond, St. Mary	..	..	..	..	8.15
Quebec, St. Mary	3.41	0.97	22	16	10.35
Zion Hill	5.35	1.89	23	7	9.92
Carew Castle	1.07	0.32	18	5	..
Hampstead, St. Mary	0.30	0.17	13	2	5.27
Windsor Castle do	5.06	1.73	22	12	14.54
Troja	8.36	1.30	26	17	..
Pear Tree Grove	1.60	0.50	14	6	..
Guys Hill	1.26	0.25	12	10	..
Lucky Hill	3.49	1.70	3	4	..
Rio Hoe	4.24	0.70	8	15	12.12
Unity Valley	3.40	1.00	7	8	8.82
Moneague	2.85	0.79	8	12	7.55
Claremont	3.95	0.72	8	14	7.44
Averham Park	2.52	0.50	8	6	8.39
Albion	3.61	1.30	9	6	10.73
..	2.99	0.65	3	13	8.30
NORTHERN DIVISION (N.)					
Port Maria	3.65	1.00	8	11	8.91
Sand Hill	..	..	..	..	..
Eden Park	1.05	0.26	22	10	..
Oracabessa	2.48	1.05	30	5	..
New Ramble	..	..	..	..	10.04
Huddersfield	2.06	0.67	8	5	..
Ocho Rios	2.89	0.84	4	8	6.67
Bogue, Ocho Rios	2.95	1.40	8	4	8.51
Drax Hall	1.62	0.48	5	7	8.34
Rockfield	3.32	0.86	28	12	9.28
Liberty Hill	2.13	0.80	28	7	8.84
St. Ann's Bay	1.60	0.45	5	10	7.84
Seville	..	..	..	..	7.99
Richmond Estate	1.30	0.41	7	7	8.58
Llandovery	0.75	0.30	8	3	..
Runaway Bay	0.60	0.39	12	2	..
Knapdale	3.60	0.90	12	10	..
Alexandria	1.08	0.80	11	3	..
Brown's Town	3.03	0.83	12	10	8.72
Watt Town, St. Ann	0.94	0.50	11	2	..
Home Castle	1.72	0.93	7	3	7.78
Richmond Pen	0.00	0.00	0	0	4.94
Bryan Castle	0.50	0.20	5	3	6.58
Braco	0.55	0.15	28	6	5.92
Arcadia	0.46	0.10	11	6	7.00
Vale Royal	..	..	..	..	7.77
Harmony Hall	0.62	0.13	27	13	6.26
Colchis Pen	1.51	0.45	28	6	4.44
Duncans	..	..	..	..	..
Clark's Town	0.43	0.15	8	4	..
Carey Park	0.33	0.16	5	4	..
Falmouth	0.28	0.09	22	7	4.92
Canaan	0.43	0.27	9	2	5.66
Grange	0.00	0.00	0	0	..
Success	0.70	0.35	15	3	4.41

STATION.	December, 1927.					STATION.	December, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Rose Hall	1.25	0.45	5	3	5.20	Troy	0.00	0.00	0	0	3.74
Cinnamon Hill	0.50	0.25	5	3	5.29	Wallingford	0.00	0.00	0	0	2.68
Tryall	0.45	0.25	5	3	3.72	Balaclava	0.00	0.00	0	0	2.61
Running Gut	0.65	0.30	5	3	5.30	Appleton	0.03	0.03	15	1	..
Spring Estate	0.60	0.35	5	2	5.71	Deeside	0.54	0.20	9	3	..
Friendship	0.71	0.26	16	4	..	Maggotty	0.00	0.00	0	0	3.13
Retirement	0.49	0.15	13	10	..	Lacovia	0.00	0.00	0	0	..
Belfield	0.37	0.13	15	6	6.01	Ipswich	0.15	0.15	15	1	..
Montego Bay	0.73	0.42	5	7	4.79	Kempshot	1.20	0.50	15	3	5.58
Anchovy	0.11	0.05	11	3	3.79	Garlands	0.26	0.26	11	1	..
Blue Hole	0.44	0.23	5	4	..	Mocho, St. James	0.35	0.35	16	1	..
Kew	0.25	0.15	6	2	3.39	Bandon Pen	..	..	..	..	..
Lucea	0.47	0.33	5	4	3.72	Springfield, St. Eliz.	0.14	0.14	18	1	..
Haughton Court	0.35	0.35	5	1	3.51	Catadupa	0.38	0.26	15	2	..
Cousins Cove	0.71	0.50	6	3	..	Cambridge, St. Jas.	0.25	0.10	11	6	2.75
Green River	0.00	0.00	0	0	..	New Market	0.00	0.00	0	0	2.27
Green Island	0.53	0.43	5	2	..	Kew Park	0.10	0.06	11	2	2.69
Haughton Hall	0.33	0.30	5	2	..	Montpelier	0.00	0.00	0	0	..
CENTRAL SUB-DIVISION.						The Bog	0.49	0.49	15	1	3.42
Knollis	0.63	0.48	2	3	..	Bethel Town Dist.	0.00	0.00	0	0	..
Highgate	1.05	0.51	16	3	..	Burnt Ground	0.01	0.01	8	1	3.31
Rio Magno	2.02	0.35	12	15	..	Haughton Grove	0.10	..	..	..	3.10
Riversdale	0.44	0.23	12	4	..	Darliston	0.00	0.00	0	0	3.32
Headworks, R.C.C.	0.11	0.11	20	1	2.08	Knockalva	0.02	0.02	11	1	2.90
Berkshire Hall	..	..	..	..	4.10	Ramble	0.09	0.09	3	1	..
Bog Walk	0.80	0.60	2	3	..	Bluefields	..	..	..	..	2.53
Linstead	0.15	0.07	11	6	3.50	Whithorn	0.24	0.24	18	1	2.78
Cave Valley	0.40	0.20	5	2	3.18	Water Works Pen	0.33	0.33	18	1	1.84
Point Hill	0.65	0.25	11	5	5.31	Askenish	0.00	0.00	0	0	..
Bellas Gate	0.00	0.00	0	0	..	Grange Hill	0.17	0.08	15	3	3.20
Crofts Hill	0.30	0.20	11	2	2.92	King's Vale	0.00	0.00	0	0	3.48
Suttons	0.80	0.70	2	2	..	SOUTHERN DIVISION (S.)					
Chapelton	0.70	0.62	2	3	2.63	Morant Point L. H.	0.95	0.45	3	10	6.11
Crooked River	0.52	0.40	2	2	..	Golden Grove	1.47	0.90	2	6	..
Trout Hall	0.54	0.47	2	2	..	Pleasant Hill	1.32	0.82	2	10	..
James Hill	0.54	0.37	4	3	..	Phillipsfield	1.18	0.68	2	7	..
Frankfield	0.25	0.25	2	1	..	Bowden	0.76	0.29	2	9	..
WEST-CENTRAL DIVISION (W.C.)						East Prospect	0.56	0.20	2	7	5.09
Mocho, Clarendon	0.00	0.00	0	0	2.30	Morant Bay	0.57	0.44	15	3	4.32
Clarendon Park	0.00	0.00	0	0	..	Aeolus Valley	0.40	0.20	2	3	..
Spaldings	0.16	0.16	9	1	..	Yallahs	0.14	0.14	15	1	..
Williamsfield	0.00	0.00	0	0	..	Easington	0.22	0.15	15	2	3.14
Brokenhurst	0.46	0.28	2	2	3.38	Norris	0.13	0.05	7	3	..
Shooters Hill	0.00	0.00	0	0	2.99	Mavis Bank	0.18	0.18	2	1	..
Lowe River	0.00	..	..	..	3.96	Bull Bay	..	..	..	..	1.41
Christiana	0.29	0.07	11	6	..	Bellevue	..	..	..	..	2.95
Clifton Hill	0.35	0.15	16	3	..	Gordon Town	0.03	0.03	2	1	3.34
Kendal, Manchester	0.06	0.06	15	1	2.90	Irish Town	0.00	0.00	0	0	3.63
Battersea	..	..	..	..	..	Hope Gardens	0.22	0.22	22	1	2.82
Bleak House	0.18	0.06	2	4	..	Ivor	0.00	0.00	0	0	..
Mereworth	0.60	0.30	2	3	..	Plumb Point L. H.	0.00	0.00	0	0	1.48
Mandeville	0.13	0.08	15	2	3.34	King's House Gar.	0.00	0.00	0	0	2.12
Chudleigh	..	..	..	..	2.81	N.E. Kingston	..	..	..	..	1.43
Ulster Spring	0.71	0.23	5	6	4.54	Upper Kingston	0.02	0.02	9	1	..
Marshall's Pen	0.20	0.12	15	2	3.37	Kingston P.W.O.	0.00	0.00	0	0	1.59
Greenvale	0.08	0.08	2	1	..	Halfway Tree	0.00	0.00	0	0	1.99
Albert Town	1.25	0.50	9	4	4.48	Clifton Pen	..	..	..	..	1.45
Warsop	0.66	0.33	2	5	..						

* Gauge overflowed.

STATION.	December, 1927.					STATION.	December, 1927.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.	SOUTHERN DIVISION, <i>contd.</i>	In.	In.			In.
Farm I.	..	..	..	..	..	Great Valley, Man.	..	..	..	..	2.68
Quarantine Station	0.02	0.02	15	1	1.17	Alligator Pond	..	..	..	..	2.40
Cumberland Pen	..	..	..	..	..	Fairfield	0.28	0.08	2	5	3.16
Watson Grove	..	..	..	..	..	Lititz	0.03	0.03	25	1	1.53
Great Salt Pond	0.00	0.00	0	0	..	Myersville	0.30	0.30	23	1	..
Hematine	0.08	0.07	15	2	..	Gilnock	0.09	0.09	15	1	..
Spanish Town	0.12	0.07	15	2	1.98	Southfield, St. Eliz.	0.06	0.00	0	0	1.89
The Stewartry	0.05	0.05	15	1	..	Bethlehem, St. Eliz.	0.40	0.38	2	2	2.77
Hog Hole, St. Cath.	0.08	0.08	15	1	2.14	Torrington	0.43	0.23	2	3	2.66
Hartlands	0.00	0.00	0	0	2.32	Santa Cruz	0.09	0.09	18	1	2.84
Amity Hall	0.45	0.35	20	3	..	Pedro Plains	0.00	0.00	0	0	1.64
Bushy Park	0.30	0.15	22	3	..	Mountainside	0.36	..	..	..	..
Old Harbour	0.40	0.30	20	2	2.18	Fort Charles	0.00	0.00	0	0	..
May Pen	0.04	0.03	15	2	2.29	Black River	0.00	0.00	0	0	2.31
Glen Muir	0.00	0.00	0	0	..	Font Hill	0.00	0.00	0	0	2.04
Dry River, Vere	0.39	0.33	16	2	2.34	Mount Edgecombe	0.04	0.04	6	1	2.36
New Yarmouth	..	..	..	..	1.87	Sweet River	0.04	0.04	15	1	2.35
Cottage	0.26	0.26	20	1	..	Sav.-la-Mar	0.24	0.24	15	1	2.07
Belle Plain	1.10	1.03	2	3	..	Orchard	0.20	0.20	15	1	1.42
Milk River	0.25	0.25	2	1	2.31	Little London	0.42	0.42	15	1	..
Retrieve	0.06	0.06	15	1	..	Retreat	0.19	0.19	15	1	2.41
Hog Hole, S. Man.	..	..	..	..	..	Negril Point L. II.	0.21	0.21	15	1	2.11
Stone's Hope	0.22	0.22	15	1	2.82						
Newport, Man.	0.20	0.20	15	1	3.62						

NOTES.

COMPARATIVE TABLE OF RAINFALL
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	December.	
	1927.	Average.
	In.	In.
North-Eastern Division	3.58	11.22
Northern	1.04	5.22
West-Central	0.24	3.64
Southern	0.18	2.49
The Island	1.26	5.72

SHOCKS OF EARTHQUAKE IN DECEMBER, 1927.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
None reported			

N.B. IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND (FOR DECEMBER).

The mean rainfall for the month was very deficient in each Division, and on the whole was not more than about one-fifth of the 50-year normal, of 5.72 ins. The West-Central suffered the most being only one-fifteenth of its normal. The rainfall was nil at 31 stations, and 11 other gauges did not register more than 0.05 inch.

The average number of rainy days, for each Division, was as follow:—North-Eastern 10, Northern 5, West-Central 2 and the Southern 2, giving an average of only 5 for the Island. The greatest portion of this comparatively small precipitation was confined to about the 2nd and 15th.

The greatest fall for the month was 14.61 ins. at Millbank in the parish of Portland, and the heaviest fall in 24 hours was 4.70 ins. at Greenville in the North-East Division on 13th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	0.01	St. James	0.48
St. Andrew	0.60	Hanover	0.27
St. Thomas	0.75	Westmoreland	0.18
Portland	5.50	St. Elizabeth	0.09
St. Mary	3.90	Manchester	0.21
St. Ann	2.21	Clarendon	0.35
Trelawny	0.60	St. Catherine	0.63

AT KINGSTON.

No rain was registered during the month of December. The normal for 50 years being 1.59 ins. Rain was, however, observed on the nearby hills on one day to northward, and on five days to north-eastward.

The mean of the daily miles of wind registered was only 134, the 20-year normal being 145. The maximum number of miles of wind in one day was 193 on 30th, and the minimum 82 on 12th. South-easterly wind continued until late into the evening of 15th and 30th.

The mean barometric pressure was 29.949 ins., the normal being 29.941 ins. Highest barometer reading 30.029 ins. on 11th at 7 a.m., and lowest 29.822 ins. on 2nd at 7 a.m. (corrected for D.V.) The mean temperature, based upon four observations per day, was 76.0 degs., the 33-year normal being 76.8 degs. The first half of the month was 0.8 deg. higher than the second half. The maximum temperature was below 90 degs. throughout, and the minimum temperature above 70 degs. on three days. The highest maximum was 87.6 degs. on 10th, and the lowest min. 65.2 degs. on 7th and 30th. The mean relative humidity was 75%, or 3% below the 33-year normal. The mean 7 a.m. was 85%, and mean 3 p.m. 59%. Lowest 7 a.m. humidity 70% on 10th, and lowest 3 p.m. 54% on 10th and 28th.

The sky was overcast in the early mornings on three days, and in the afternoons on eleven days.

Rainfall for the upper boundary of Kingston was very small, being only 0.02 inch on one day.

The evaporation for the month of November was 3.54 inches, and for December 4.64 ins.

The mean number of sunshine hours for the month of November was 7.3 and for December 7.8.

THE ISLAND RAINFALL FOR THE YEAR, 1927.

The comparative table A, shewing the Island monthly rainfall in each Division, with their respective totals, is given, in which is included the annual averages derived from the 50 years' records for the purpose of comparison. The average number of rainy days throughout the period is shewn. It will be seen that in October there was an average of 20 rainy days, being the greatest. For the first half of the year the rainfall was 82% of the normal, but in the second half the aggregate was above normal by 4%. The months of January, July, October and November were above the normal and the remainder of the months was below. Then for the year a total of 72.45 ins. was derived, representing about 95% of the 50-year normal. The distribution of the rainfall is as follow: The North-Eastern Division was about 3% below normal, the Northern Division 13% below, the West-Central Division 5% below and the Southern Division 3% below normal. The total number of rainy days was 125 as against 126 of the year previous.

Table B. has been compiled in order to shew in a general way the distribution of rainfall for the fourteen parishes, for each month. It will be seen that Portland with 127.28 ins. had the greatest total for the year, and St. Mary next in order with 81.05 ins. And the parish of Kingston with the least, giving 28.90 ins.—There were flood rains in October when the rainfall was about 70% above the average.

CITY OF KINGSTON, METEOROLOGICAL RESULTS.

The usual Table C. giving the meteorological results for Kingston, for the year 1927 is produced. The mean barometric pressure deduced from the 7 a.m. and 3 p.m. means, gives 29.936 ins., or 0.004 inch above the 33-year normal of 29.932 ins. The mean temperature was 78.3 degs., the 33-year normal being 78.7 degs. The highest maximum temperature was 92.6 degs. in August, and the lowest minimum 62.3 degs. in January. The anemometer records shew a mean total miles of wind, per diem, of 167, as against 182 as the 20-year normal. Every month of the year was below the normal. This deficiency was very marked in September when a mean of 136 against the normal of 166 miles was registered. The mean 7 a.m. humidity was 83% (normal 81%), and the 3 p.m. 63% (normal 66%). The total year's rainfall for Upper Kingston was 34.67 ins. or 8.94 ins. higher than that of the lower station at the Public Works building and with 91 rainy days as against 67.

J. F. BRENNAN,
Government Meteorologist.

Kingston, January 23rd, 1928.

TABLE A.—*The Island Rainfall, 1927. (in inches).*

Month.	DIVISIONS.				THE ISLAND.		Average No. of Rainy days 1927.
	N.E.	N.	W.C.	S.	1927.	Average 50 years.	
January	11.63	4.56	1.57	1.59	4.84	4.10	10
February	4.09	1.37	3.12	2.16	2.68	3.06	6
March	1.58	0.88	4.33	1.45	2.06	4.32	5
April	6.42	1.60	4.85	3.00	3.97	5.03	8
May	11.13	5.66	12.91	5.44	8.78	9.12	14
June	4.61	3.12	5.25	2.50	3.87	7.18	10
July	8.27	4.46	8.57	4.90	6.55	4.90	11
August	4.63	2.52	8.00	4.46	4.90	6.93	11
September	7.55	4.82	11.43	4.67	7.12	7.91	13
October	15.65	14.65	20.95	16.90	17.04	10.39	20
November	22.04	7.41	3.80	4.28	9.38	8.70	12
December	3.58	1.04	0.24	0.18	1.26	5.72	5
Totals, 1927	101.18	52.09	85.02	51.53	72.45	..	125
Totals 50-year Average	104.60	57.79	89.28	54.13	..	76.46	..

TABLE B.—MEAN RAINFALL FOR EACH PARISH FOR YEAR 1927 (In Inches).

Parish.	Jan'y.	Feb'y.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Kingston	0.19	0.88	0.29	0.81	1.56	0.65	4.43	3.35	1.75	12.02	2.96	0.01	28.90
St. Andrew	4.32	2.87	1.31	3.75	6.29	2.02	5.20	3.72	9.17	17.60	14.74	0.60	71.60
St. Thomas	2.26	2.64	0.09	1.40	7.40	5.92	6.74	4.12	2.96	15.91	4.29	0.75	54.48
Portland	21.07	5.92	2.45	10.17	14.46	6.70	10.41	5.52	6.23	12.23	27.12	5.50	127.78
St. Mary	8.46	3.15	1.80	4.38	9.57	3.22	6.41	3.72	5.27	12.85	18.32	3.90	81.05
St. Ann	7.01	2.37	1.30	2.66	7.07	3.55	5.33	2.12	6.06	11.59	14.23	2.21	65.50
Trelawny	4.22	1.78	2.05	2.20	6.34	3.28	4.18	3.16	7.60	13.88	6.94	0.00	56.23
St. James	2.35	1.04	1.10	1.84	6.80	3.53	5.12	3.92	7.30	16.44	4.78	0.48	54.70
Hanover	0.97	1.80	1.18	2.19	13.41	9.03	6.44	6.15	8.50	21.01	5.23	0.27	76.18
Westmoreland	0.38	1.88	1.90	3.92	14.33	5.99	8.98	9.38	9.41	21.01	2.74	0.18	80.10
St. Elizabeth	1.92	3.64	5.20	5.93	8.04	3.87	7.74	8.34	8.52	18.57	4.19	0.09	76.05
Manchester	1.90	3.10	4.40	4.59	4.71	2.41	6.86	5.56	8.85	22.02	1.94	0.21	66.55
Clarendon	2.57	1.31	1.90	3.43	6.31	2.04	3.48	3.46	6.88	20.82	1.97	0.35	54.52
St. Catherine	3.09	2.23	0.78	2.70	9.47	2.59	6.08	4.71	4.72	18.97	7.91	0.63	63.88

TABLE C.—METEOROLOGICAL RESULTS FOR THE YEAR 1927.

KINGSTON, JAMAICA, ELEVATIONS (See Foot Note.)

Month.	Barometer Pressure.		TEMPERATURE.					Extremes for Month.			Dewpoint & Humidity.			Rain-fall.	Rainy Days.		
	7 a.m.		Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m.	3 p.m.				
	Ins.	3 p.m.															
January	30.001	29.948	75.9	69.0	83.6	85.3	67.9	17.4	°	89.0	62.3	26.7	61.3	85	66.6	Ins. 0.07	3
February	.033	.976	75.1	67.8	83.1	84.6	66.9	17.7	°	88.2	63.2	25.0	62.7	84	66.8	58	5
March	.002	.947	75.9	68.8	83.7	85.9	67.1	18.8	°	88.1	62.9	25.2	63.0	82	67.3	59	1
April	29.945	.895	77.2	72.5	82.6	86.3	69.3	17.0	°	89.3	67.3	22.3	66.1	80	69.0	64	5
May	.952	.904	79.7	76.7	83.9	88.4	72.0	16.4	°	90.9	69.7	21.2	69.0	77	71.6	67	9
June	.963	.921	80.7	76.4	85.9	88.9	73.5	15.4	°	91.4	70.5	20.9	69.0	78	70.4	61	5
July	.979	.935	80.8	76.1	86.2	89.5	73.5	16.0	°	92.4	70.6	21.8	69.2	79	71.9	63	4
August	.930	.890	80.4	75.5	85.2	89.7	73.2	16.5	°	92.6	69.8	22.8	69.6	82	72.1	66	6
September	.881	.840	80.5	75.7	85.5	89.2	73.6	15.6	°	91.6	69.7	21.9	70.9	85	73.1	68	7
October	.850	.810	79.3	75.5	83.1	87.3	73.2	14.1	°	92.0	71.0	21.0	71.4	87	73.8	74	17
November	.888	.938	78.3	72.9	84.4	86.5	71.6	14.9	°	90.6	68.6	22.0	69.0	88	71.5	66	5
December	29.962	29.909	76.0	68.9	83.9	85.3	67.9	17.4	°	87.6	65.2	22.4	64.0	85	67.8	59	0
Means	29.949	29.901	78.3	73.0	84.3	87.2	70.8	16.4	°	90.3	67.5	22.8	67.4	83	70.2	63	67
Total																25.73	

Note.—Observations were made at 148½ East St., as follows:—Barometer 111 ft. above sea-level. Thermometers 107 ft. above sea-level and 4 ft. above ground since year 1907; also clouds and their directions. At Public Works Buildings, Port Royal St., as follows:—Elevation above sea-level: rain gauge 57.28 ft. Anemometer 69.38 wind vane 70.88 ft. Standard Barometer at Public Works Building 24 ft. 75th Meridian Time adopted.

KINGSTON, 1927—MEAN RESULTS, *contd.*

Month.	Wind Miles per diem.	Wind from and Miles per hour.			Clouds in Tenths.				Weather Conditions.	
		7 a.m.	3 p.m.	11 p.m.	Lower.		Middle.			
					7 a.m.	3 p.m.	7 a.m.	3 p.m.		
January	145	N.N.E. 3.5	S. 8.5	N. 3.8	2.0	3.9	0.3	2.8	0.4	Rainfall 70% of 50-year average. Northern 1st to 4th and 10th. Lunar Halo on 10th. Rainfall 1½ times the 50-year average.
February	150	N.N.E. 4.1	S.E. 10.5	N. 4.1	1.7	2.2	0.4	3.7	0.5	0.0
March	168	N. 4.7	S.E. 12.2	N.N.E. 4.4	0.0	2.8	0.1	3.1	0.0	0.2
April	160	N.N.E. 4.6	S.E. 12.7	N. 4.3	0.8	3.4	0.9	2.5	1.3	0.8
May	199	N.N.E. 4.9	S.E. 16.7	N.N.E. 4.3	0.5	4.0	0.7	2.6	2.0	1.5
June	236	N.E. 5.3	S.E. 19.2	N.E. 4.5	0.4	1.8	1.4	2.5	2.2	1.7
July	225	N.E. 5.5	S.E. 18.5	E.N.E. 5.5	1.1	2.3	1.3	2.1	2.5	2.2
August	175	N.N.E. 4.0	S.E. 16.0	N.N.E. 3.7	0.3	3.4	1.0	2.3	2.1	2.2
September	136	N.N.E. 3.9	S.E. 8.7	N.N.E. 4.1	0.7	4.6	1.1	1.5	3.0	1.5
October	153	E.N.E. 5.7	S.E. 10.5	N.N.E. 4.5	2.3	7.5	1.2	0.8	2.3	1.0
November	125	N.N.E. 4.6	S.W. 6.6	N.E. 4.7	1.4	3.1	0.8	1.9	3.4	1.6
December	134	N. 5.2	S.S.E. 8.6	N. 5.0	0.2	1.6	0.2	2.4	1.7	0.4
Means.	167	N.N.E. 4.7	S.E. 12.4	N.N.E. 4.4	0.9	3.4	0.8	2.3	1.9	1.1
The total Rainfall for the year was 25.73 inches as against the 50-year average of 33.59 inches. Deficiency of 7.86 inches.										